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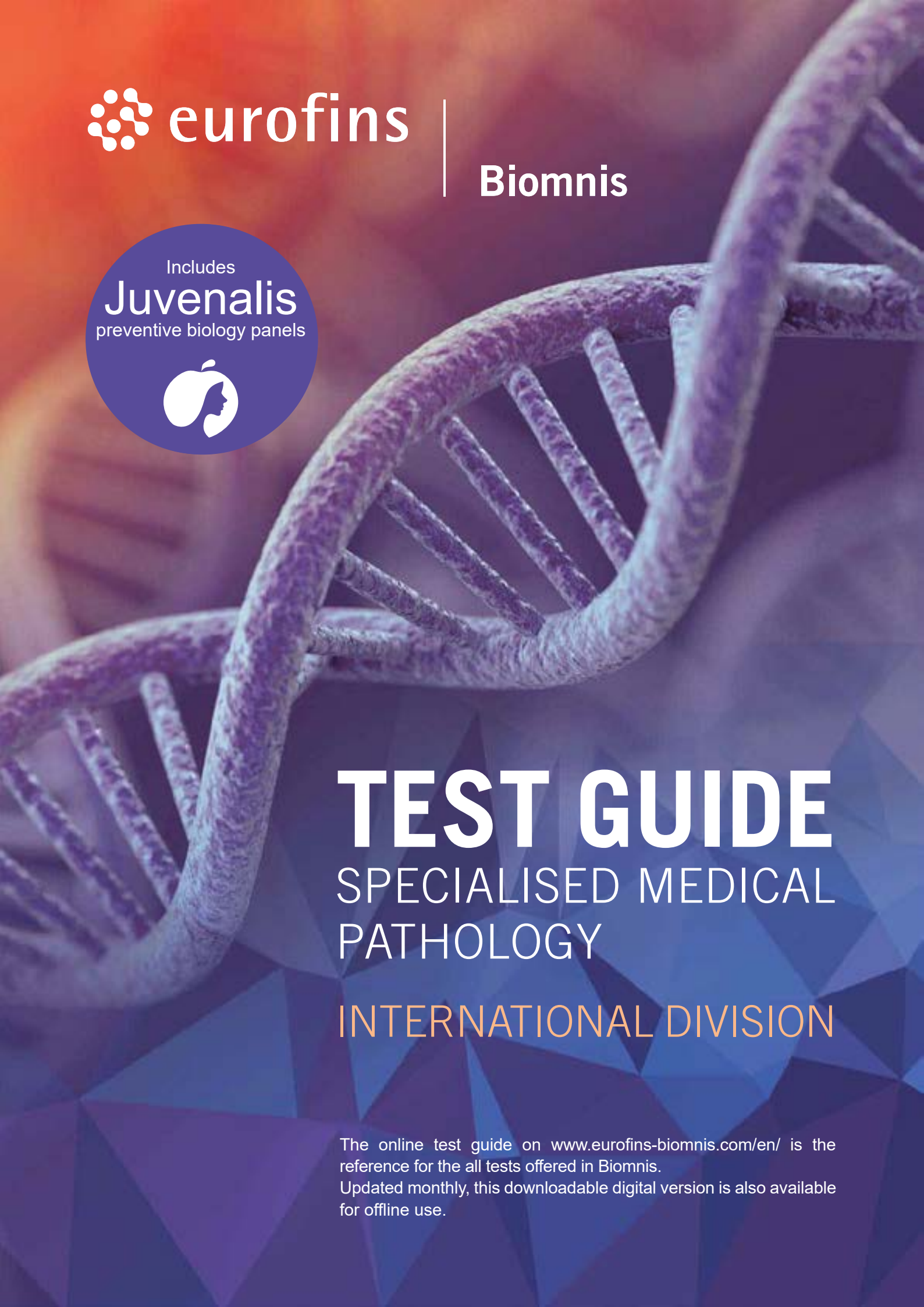
Includes
Juvenalis
preventive biology panels



TEST GUIDE

SPECIALISED MEDICAL PATHOLOGY

INTERNATIONAL DIVISION

The online test guide on www.eurofins-biomnis.com/en/ is the reference for the all tests offered in Biomnis.
Updated monthly, this downloadable digital version is also available for offline use.

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FUNCTIONAL AND PREVENTIVE LABORATORY ASSESMENT : Juvenalis®

Maintaining good health is a key factor in the prevention of many diseases. Through lifestyle (re) adjustments (diet, physical activity, choice of environment), health can be assessed, either holistically or more specifically, using various biological markers that may indicate potential dysfunctions, deficits or deficiencies, which can then be identified, corrected or managed.

Juvenalis® is a range of biological tests carried out at Eurofins Biomnis laboratories. It is designed for practitioners and healthcare professionals wishing to support their patients who are keen to ensure they 'age well' and/or take charge of their own health. Each assessment offers specific features designed to address patients' concerns:

GENERAL HEALTH

- **MiniCheck and GlobalCheck** are the recommended first-line assessments. Comprising markers of oxidative stress, low-grade inflammation and (micro-)nutritional status, they provide an initial assessment of a person's state of health,
- **Erythrocyte fatty acid profile** to assess an individual's nutritional status, in particular their intake of essential fatty acids such as omega-3 and omega-6.

AGING WELL

- **AgeCheck for Men / AgeCheck for Women** are designed for patients wishing to assess their health as part of an 'anti-ageing' approach.

OXYDATIVE STRESS

- **OxyCheck** aims to estimate the current level of oxidative stress by translating this state into a specific index, calculated on the basis of nine markers selected for their relevance. Much more than a simple assessment of the body's antioxidant defences, this index accurately reflects a patient's state of oxidative stress at a given point in time.

SEXUAL HEALTH & FERTILITY

- **FertiCheck** is designed for couples hoping to start a family who wish to optimise their fertility,
- NEW **LibidoCheck** aims to identify the biological factors that may influence sexual function by examining five key areas: endothelial function, hormonal balance, carbohydrate metabolism, low-grade inflammation and micronutritional status, thereby providing a comprehensive overview of the biological factors influencing sexual health.

ENDOMETRIOSIS & (PERI)MENOPAUSE

- NEW **ActivCheck** has been designed to address the lack of biological solutions specifically tailored to women in perimenopause, a period characterised by numerous hormonal and metabolic changes that affect weight, sleep, energy levels and quality of life, yet which remain largely unexplored
- **MyEndoCheck** is a panel specifically designed for the monitoring and micronutritional support of women suffering from endometriosis, but it may also be relevant for patients with painful periods or those affected by PCOS (polycystic ovary syndrome).

GUT & NUTRITION

- **DigestCheck** is designed for all patients suffering from functional gut disorders, which are often of unexplained origin: the assessment offered may provide further avenues to explore, or support corrective measures already underway,
- **Microbiote** maps the gut microbiota,
- **Nutritol** is a range of food intolerance tests that measure anti-food IgG antibodies. Five tests are available, covering between 25 and 287 foods,
- **VeggieCheck** is designed for people following a vegetarian or vegan diet who wish to monitor whether their micronutritional status is affected by their diet.

BETTER LIVING

- **ImmuCheck** is a test specifically designed to assess and optimise immune function,
- **Minerals** provides an overview of mineral deficiencies (iron, iodine, copper, etc.),
- **NeuroCheck** assesses the status of micronutrients essential for good neuropsychological balance and helps identify the best course of action for effective management,
- **SopioCheck** is a panel specifically designed to provide micronutritional support for patients suffering from sleep disorders,
- **ThyroCheck+** is an in-depth assessment of thyroid metabolism and its essential cofactors. It provides an evaluation of the functioning of the pituitary-thyroid axis and identifies any deficiencies that may affect it.
- **Vitamins** provides an overview of vitamin deficiencies (A, B1, B2, C, D, etc.)

Each individual test forming part of a Juvenalis® assessment is handled and carried out in exactly the same way as it would be in a general clinical setting: validation is carried out by the laboratory scientist(s) responsible for the relevant sector; the entire assessment is then compiled before being validated – and, where necessary, commented on – by one of the Juvenalis® reference laboratory scientists (who are part of the Eurofins Biomnis team of biologists).

Our biologists have been trained in preventive and functional biology, particularly in the fields of micronutrition, oxidative stress and the metabolic processes involved in functional disorders, which account for over 75 per cent of reasons for consultation in France and are recognised as being at the root of many chronic or autoimmune diseases.

All the necessary information is available on the Juvenalis® website:

https://www.eurofins-biomnis.com/

INTERNATIONAL DIVISION

Eurofins Biomnis est aujourd'hui le **leader européen** de la biologie médicale spécialisée avec :

- Deux sites spécialisés en France :
  - **Paris** (Ivry-sur-Seine) : traitement des analyses spécialisées à gros volume sur plateau technique
  - **Lyon** (Gerland) : traitement des analyses hyper spécialisées de moindre volume, mobilisant des expertises spécifiques (génétique, oncologie, infectiologie, empreintes génétiques…)
- Des correspondants internationaux dans plus de 43 pays
- De nombreux partenariats au sein du réseau Eurofins

Eurofins Biomnis is now the European leader in specialised clinical laboratory testing, with:

- Two specialist sites in France:
  - **Paris** (Ivry-sur-Seine): processing of high-volume specialised tests in a technical facility
  - **Lyon** (Gerland): processing of lower-volume, highly specialised tests, drawing on specific areas of expertise (genetics, oncology, infectious diseases, genetic profiling, etc.)
- International partners in over 43 countries
- Numerous partnerships within the Eurofins network

On the strength of the Eurofins network and its partnerships with numerous reference international laboratories, Eurofins Biomnis offers its clients access to an unmatched test menu.

Eurofins Biomnis serves hospitals, medical centres, public and private laboratories, pharmaceutical companies and clinical trial centres on a global scale and is particularly well established in Europe, Middle-East, Africa, and Asia regions.

The International Division of Eurofins Biomnis is organised in such a way as to optimise and ensure the best service levels to our International clients. It provides a remote and highly responsive customer support through a dedicated team and will cater for all of your patient's requirements including: preanalytical advice, local, technical and logistical support as and when required, test information and post-analytical provision of clinical advice, through Eurofins Biomnis' network of 45 expert clinical pathologists.

The principal role of the International Division is to:

- Provide remote, highly responsive customer support via a dedicated account manager.
- Facilitate client contact with our network of 45 expert clinical pathologists.
- Coordinate with Eurofins Biomnis representatives within the country of operation where relevant, to provide local/technical/logistical support as and when required.
- Above all, ensure client satisfaction and maintain close working relationships.

USEFUL CONTACTS

Eurofins Biomnis International

International Division

Tél. +33 4 72 80 23 85 – Fax +33 4 72 80 73 56
Lundi au vendredi : 8h30 – 18h30 (GMT+1) et Samedi : 9h – 12h (GMT+1)
E-mail : International@biomnis.eurofinseu.com

PRACTICAL INFORMATIONS

MEDICAL PATHOLOGY TEST GUIDE

Referencing the specializes medical test guide online

Updated daily, our test guide provides direct access to information on all of the tests offered at Eurofins Biomnis, including preanalytical information, methodologies, clinical significance, forms to be included, stability…

@https://referentiel.biomnis.ct.fr.eurofins.com/recherche/intgb

Prior notice of changes to the test guide is given through, a monthly newsletter called «Biomnis & Vous». You may wish to be enrolled in Eurofins Biomnis mailing list to receive the monthly Eurofins Biomnis letter, if so, please provide us your contact details at International@biomnis.eurofinseu.com.

Medical Pathology Test Guide in digital format

Eurofins Biomnis also offers a version of the Medical Pathology Test Guide in the form of digital catalogue: «The Digital Test Guide».
This complete version of the Eurofins Biomnis Test Guide is updated monthly and is made available online at the end of month, ready to come into effect on the 1st day of the following month.

Downloadable in pdf format, the Medical Pathology Test Guide allows you to have a version of the catalogue that is always up-to-date for use off-line.

Access the Medical Pathology Test Guide in digital format at :

@www.eurofins-biomnis.com → Scientific ressources → **Test Guide**

PROFILES ET PANELS

@www.eurofins-biomnis.com

- Allergy
- Autoantibody
- Neonatal screeningl
- Infectious disease
- Hormones
- Haematology
- Drug of abuse screens

DYNAMIC TESTS

Eurofins Biomnis makes a list of dynamic tests available to its clients. It is possible to print them.

@www.eurofins-biomnis.com → en → **Dynamic tests**

SUPPLIES

The procedures for collecting, identifying and storing biological samples are set out in this guide. It is important to follow these procedures to facilitate the processing of your samples. Failure to comply with the conditions for collection, identification and storage constitutes a major non-compliance issue which may result in the requested analysis(es) not being carried out.

Certain tests require specific collection materials or transport media, which Eurofins Biomnis provides to its correspondents free of charge.

Any request for test request forms, practical guidance documents, transport bags, sample collection kits or specific tubes and transport media must be made using the equipment request form available from your local agent or by contacting the international division.

Fax : +33 (0)4 72 80 73 56
Email : International@biomnis.eurofinseu.com

BONS DE DEMANDE D'ANALYSES ET AUTRES DOCUMENTS

Samples prepared in accordance with the specified instructions must be sent to us accompanied by a **test request form** and, where necessary, the **relevant clinical information sheet** and/or any required **certificate or consent form.**

No staples, adhesive tape, paper clips, highlighter markings or double-sided printing

Identification of the sender:
- Identification label (available via the online order system) or handwritten details

Tests:
- Test names and Eurofins Biomnis codes: Recommendations regarding the presentation of test names on request forms
- Number / Type / Temperature of samples associated with each test

Please note that the patient's date of birth and gender are essential for the correct interpretation of results.

Other documents that must be attached to the sample for certain tests:
- Clinical information form
- Informed consent form ...

The ISO 15189 standard emphasises the need, for certain tests, to attach to the sample the clinical information essential for the correct interpretation of the result. **For each parameter, the specific documents required where applicable are specified and can be downloaded from the online test reference database at:**

@www.eurofins-biomnis.com → **Test Guide**

PREPARING SAMPLES FOR DISPATCH TO EUROFINS BIOMNIS

1

- Check preanalytical conditions on the test guide for the relevant laboratory test at https://referentiel.biomnis.ct.fr.eurofins.com/recherche/intgb
- Send one tube per test
- Decant plasma and serum samples
- For tests for which collection takes place over several days (e.g., faeces), send all samples together in one shipment
- Send sufficient quantities for measurement of all requested parameters

2



Ensure bottles of urine are properly closed

3



- Last name + First name + patient gender
- Date of birth
- Date of sampling

Ensure patient details are exactly the same on the sample and order form.

4



- Fill out the test order form and remember to include your cliebt identification details
- Always sepcify :
  - The date and time of sampling
  - Any clinical details needed to interpret the results (specific sheets are available for certain tests, see test guide)
  - Attach regulatory documents (patient's informed consent form), if applicable

- For all online analysis requests please connect to : https://cdxconnect.eurofins.com/



6 TYPES OF BAG



AMBIENT | FROZEN | REFREGIRATED | MYCOBACTERIA | ANAPATH (smear) | ANAPATH (histologu)

5

1 bag = 1 patient = 1 temperature



6



Place the sample in the main airtight pocket

7



Slip the documents into the front pocket so that the tests are visible through the bag

8



Peel off the silver strip and seal both pockets

@ Full information and all documents relating to the tests offered by Eurofins Biomnis can be found in the test guide for the respective test at: https://referentiel.biomnis.ct.fr.eurofins.com/recherche/intgb

CONTACT
international@biomnis.eurofinseu.com

TEST PROCEDURE

All tests are carried out in compliance with written standard operating procedures that are updated in conjunction with any development in the method used. Any modification to a test method that could affect result expression or reference values is subject to a memo that is addressed to referring laboratories.

The preparation, set-up and biological and analytical validation of tests are subject to written procedures. The internal quality control policy for each test is described in details in terms of control samples, testing conditions, acceptability guidelines and actions to be taken in cases of anomalies.

Eurofins Biomnis' participation in different external quality control programmes enables the methods used to be validated and allows any abnormalities to be detected.

RESULT TURNAROUND TIMES

The turn-around-times indicated in the test guide correspond to the maximum time needed for the result to be released.

It is calculated from the time/date the sample is registered at Eurofins Biomnis, **provided the file is complete (date of birth, sex of the patient, clinical data essential for the analysis, clinical information sheet, or regulatory documents, if applicable)**.

It does not take into account Saturdays, Sundays, bank holidays, complementary verifications or the addition of reflex tests. If clinical details/information are specifically requested but not provided, the turn-around time cannot be maintained.

RESULTS

Test results are returned in compliance with regulations to ensure confidentiality according to the information provided by the referring laboratory.

Via the secure results server

Results are available to the referring laboratory via Biomnis Connect, a secure results server:

- Round-the-clock access, 7 days a week, to the data related to any file you send us
- "Real-time" access to your patients' results which are transferred on-line once they have been
- authorised
- The possibility to be notified (by fax or email) of an urgent result as soon as it is available
- The price of each file is indicated on the consultation screen

To be able to access this server, **please contact your Eurofins Biomnis International Division team.**

For any question related to your results, our Customer Care team can be contacted :

- **by e-mail** : CustomerCareBiomnis@biomnis.eurofinseu.com
- **by phone** : +33 4 72 80 23 85
  Monday – Friday: 8:30 am – 6:30pm (GMT +1)

REGULATORY REQUIREMENTS

CYTOGENETICS AND MOLECULAR GENETICS

Prenatal diagnostics

- Article R2131-1 and subsequent passages from the French Public Health Code Decree
- Decree 2014-32 dated 14 January 2014
- Decrees from 14 January 2014

Please always include the following documents with the sample: the specific completed information form, the medical prescription, the clinical information form, the test request form, the written consent obtained from the pregnant woman.

Post-natal diagnostics

- - Article R1131-5 from the French Public Health Code
- - Decree dated 27 May 2013

ESTIMATION OF THE FETAL TRISOMY 21 RISK - PRENATAL BIOCHEMISTRY

- Ministerial decree of December 14, 2018 setting the rules of good practice in prenatal screening and diagnosis with the use of maternal serum markers of trisomy 21. The documents required for the test to be performed are:
  - the medical prescription
  - the clinical information sheet containing the elements necessary for the calculation of risk as well as the standard form signed by the doctor and the patient, attesting to the information provided to the pregnant woman and her consent (text set by the Decret of December 14, 2018)
  - for the combined risk in the 1st trimester, the ultrasound report with the name and identifier of the sonographer, the date of the ultrasound, the measurements of the nuchal translucency and the cranio-caudal length
- Decree of December 14, 2018 setting the model of the documents mentioned in III of Article R.2131-2 of the Public Health Code.
- Decree of December 14, 2018 setting the terms and conditions for transmitting risk calculation data to the Agence de la biomédecine and the evaluation terms and conditions

TEST GUIDE

For any test that is not listed in this test guide, please contact the International Division before sending your samples:

Tel. +33 4 72 80 23 85 – Fax +33 4 72 80 73 56
Monday - Friday: 8:30 am - 6:30 pm (GMT+1) and Saturday: 9:00 am – 12:00 pm (GMT+1)
E-mail : International@biomnis.eurofinseu.com

You are now equipped with all the essential information needed to ensure the smooth processing and testing of your samples (pre-analytical information, prices etc.).

Samples

If a particular type of sample is not specified, its use is contraindicated.

Plasma
Unless otherwise specified, the term «Plasma» refers to EDTA or heparin plasma. **Citrated, oxalated or fluorinated plasma** is never required unless specifically requested.

Serum
Serum may be collected either in plain tubes or phase separating tubes. However, phase separating tubes should be avoided for medicinal product assays (absorption).

Non-haemolysed
Indicates that the presence of haemolysis, even minimal, may seriously impair the quality of the result.

Urine
Fresh samples must be collected. Unless otherwise specified, no additives or preservatives should be added to the specimen. For 24-hour specimens, the urine should be stored refrigerated unless specified otherwise.

Pre-analytical recommendations from the Study Group on Haemostasis and Thrombosis (GEHT):
Please send us a citrate sample that has been centrifuged and frozen.

1 AMOX AMOX *

2 mL Serum (do not use tubes with separator gel) * FROZEN 3

4 1 week * HPLC - High Performance Liquid Chromatography

Centrifuge the sample and decant rapidly
Enclose the specific clinical information form (R18-INTGB : Infectious agents)

AMY 7 AMY *

2 1 mL Serum * Refrigerated

2 days * Chemistry - Spectrophotometry 5

NCDR NCDR

2 mL Fresh amniotic fluid (non haemorragic), Chorionic villus sampling * Ambient temperature

2 days * QF-PCR

For sample traceability purposes, we invite you to contact the International Division before sending samples
6 ALWAYS attach the medical prescription, the clinical patient's history and the consent form signed by both the patient and the prescribing clinical

VIP 9 VIP *

1 mL EDTA plasma + Aprotinine - non haemolysed * FROZEN

10 days * Radioimmunoassay

Freeze the sample within one hour. Home collection is not recommended.
Refrigerated centrifugation
Sample on special tube (EDTA + Aprotinin) supplied on request.
Fasting sample required

8 T2 : EDTA + aprotinine tube

Légende du référentiel

1. Name of reference test
2. Volume and sample type
3. Sample storage and transportation:
   - The indication ‘Refrigerated’ indicates that the storage and transport temperature must lie between +2 °C and +8 °C
   - The indication ‘Ambient temperature’ indicates that the storage and transport temperature must lie between +15 °C and +25 °C
   - The indication ‘FROZEN’ indicates that the storage and transport temperature must be below -18°C. The indication < 4h indicates that the sample must be frozen within 4 hours of sample collection.
4. The turn-around-time corresponds to the maximum time needed for the result to be released. It is calculated from the time/date the sample is registered at Eurofins Biomnis, **providing the file is complete (date of birth, sex of the patient, clinical data essential for the analysis, clinical information sheet, or regulatory documents, if applicable)**. It does not take into account weekends, bank holidays, complementary verifications or after the addition of an extra test.
5. Method used for testing
6. Additional information concerning the test
7. Eurofins Biomnis code: this is the test code use to accuately identify the parameter It is strongly advised to use this code on your request forms and when in communication with Eurofins Biomnis
8. Information about specific equipment tobe used for the sampling.
9. Tests labelled with * are subject to further referral. The pre-analytical conditions are defined on the basis of the requirements of the performing laboratory

Protein S100 - CSF

100PL *

1 mL Non haemolysed CSF ° FROZEN

1 week ° Electrochemiluminescence

Vitamin D - 1,25-dihydroxyvitamin D - serum

125D *

3 mL Non haemolysed serum ° Refrigerated

3 days ° CLIA

17-Hydroxyprogesterone

17OH2 *

1 mL 1 mL serum T0
1 mL serum T1 ° Refrigerated

2 days ° Radioimmunoassay

One specific aliquot is required for this analysis.
Specify the age, sex and phase of the cycle. For women, the sample must be taken at the start of the follicular phase

17-Hydroxyprogesterone

17OH3 *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2 ° Refrigerated

2 days ° Radioimmunoassay

17-Hydroxyprogesterone

17OH4 *

1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3 ° Refrigerated

2 days ° Radioimmunoassay

One specific aliquot is required for this analysis.
Specify the age, sex and phase of the cycle. For women, the sample must be taken at the start of the follicular phase

17-Hydroxyprogesterone — 17OH5 *

1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4 ° Refrigerated

2 days ° Radioimmunoassay

One specific aliquot is required for this analysis.
Specify the age, sex and phase of the cycle. For women, the sample must be taken at the start of the follicular phase

17-Hydroxyprogesterone — 17OH6 *

1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 ml serum T5 ° Refrigerated

2 days ° Radioimmunoassay

One specific aliquot is required for this analysis.
Specify the age, sex and phase of the cycle. For women, the sample must be taken at the start of the follicular phase

17-Hydroxyprogesterone — 17OHP *

1 mL Serum ° Refrigerated

2 days ° Analytical immunology

Specify the age, sex and phase of the cycle. For women, the sample must be taken at the start of the follicular phase

17-Hydroxy-Pregnenolone - serum — 17PRE *

2 mL Serum ° Refrigerated

2 weeks ° Chromatography - Extraction - Radioimmunoassay

CIRCADIAN RHYTHM: This biological molecule has a circadian rhythm (maximum concentration in morning), with a sufficiently significant amplitude to have an important influence on the clinical interpretation

21-Deoxycortisol - (Tubes without separating gel) — 21DF

500 µL (Tubes without separating gel) ° Refrigerated

1 week ° LC-MS/MS

CIRCADIAN RHYTHM: This biological molecule has a circadian rhythm (maximum concentration in morning), with a sufficiently significant amplitude to have an important influence on the clinical interpretation

Anti-21-hydroxylase antibodies - serum — 21OHA *

1 mL Serum ° FROZEN

2 weeks (if dilution/control needed - TAT 4 weeks ° ELISA

Trisomy 21 - second-trimester maternal serum markers - 2 parameters — 21T

3 mL Serum (please do not send the gel tube) ° Refrigerated

3 days ° TRACE (Time-Resolved Amplified Cryptate Emission)

If a sample is taken from a gel tube, it is necessary to send a decanted serum
The sample must be free of lipids, jaundice and haemolysis; do not use plasma.
The sample must be centrifuged as soon as possible, within a maximum of 4 hours.
For French overseas departments and territories and international shipments: MUST BE FROZEN WITHIN 4 HOURS
Retain the serum sample until the result is received.
In accordance with the Order of 23 June 2009 (Official Journal of 3 July 2009), it is MANDATORY to enclose the medical prescription, the information sheet, a copy of the ultrasound report and the consent form for the pregnant woman (template provided by the decree of 14 January 2014), duly completed and signed by the prescriber and the patient.

Aldosterone — 2ALDO *

1 mL 1 mL Plasma EDTA T0
1 mL Plasma EDTA T1 ° FROZEN

2 days ° Radioimmunoassay

Aldosterone — 3ALDO *

1 mL 1 mL Plasma EDTA T0
1 mL Plasma EDTA T1
1 ml Plasma EDTA T2 ° FROZEN

2 days ° Radioimmunoassay

3-Hydroxybenzo[a]pyrene - benzo[a]pyrene metabolite - urine — 3HBPY *

10 mL urine sample ° Refrigerated

30 days ° Liquid Phase Chromatography / Fluorimetry

Sample 16 hrs after end of work shift on plastic container

STI search - multiplex gene amplification — 3IST *

Urine, urethral swab, cervical/endocervical swab, vaginal swab (using the following devices: Copan, ESwab®) ° Refrigerated

1 day ° Molecular biology.
Technique: Eurobio Scientific (real-time PCR)

Aldosterone — 4ALDO *

1 mL 1 ml Plasma EDTA T0
1 ml Plasma EDTA T1
1 ml Plasma EDTA T2
1 ml Plasma EDTA T3 ° FROZEN

2 days ° Radioimmunoassay

Genotyping of dihydropyrimidine dehydrogenase — 5FUGE

1 tube(s) Whole blood on lithium heparin or whole blood on EDTA, avoid tubes containing beads. ° Refrigerated

4 days ° LAMP (Loop-mediated isothermal amplification, amplification isotherme induite par boucle)

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.

Uracile - dosage(search a risk of toxicity to fluoropyrimidines) — 5FUU

2 tube(s) lithium heparin plasma (do not use tubes with separator gel) ° FROZEN before sending

5 days ° LCMS/MS

Centrifuge the sample and decant rapidly
The blood must be drawn before any chemotherapy or at least 1 week after the last course of treatment.
Freeze the sample within 1 hour after sampling

5-Methyltetrahydrofolate (MTHF) - CSF — 5MTHX *

2 mL CSF ° FROZEN before sending

3 weeks °

5'-Nucleotidase - activity - serum — 5NUC *

1 mL Serum ° Refrigerated

2 days ° Chemistry - Spectrophotometry

5-Hydroxy-N-methylpyrrolidone - urine — 5PYRO *

10 mL urine sample ° Refrigerated

21 days °

Sample at end of work shift

7-Dehydrocholesterol — 7DCHO *

1 mL Serum or amniotic fluid : FROZEN, to be stored away from light ° FROZEN

3 weeks ° Gas Phase Chromatography

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Attach the specific clinical information form (R26-INTGB: Metabolic Biochemistry)
The samples must reach the laboratory from Monday to Wednesday only

Alpha-1 Antitrypsine - Testing for S and Z variants of the SERPINA1 gene — A1BM

5 mL 5 mL EDTA whole blood: chilled and 1 mL serum: chilled °

18 days ° LAMP PCR

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Sample must be refrigerated if transport is > 48 hours
Enclose the specific B12-INTGB request form: Molecular Genetics

Alpha-1 Antitrypsin - Stool — A1TRS *

[Indéfinie] (Totalité des selles) Stool specimen ° Refrigerated

7 days ° Technique Immuno-enzymatique type sandwich ELISA

Complete 24-hours stool collection
Attach the specific clinical information form (R29-INTGB: Functional Coprology)
Refrigerated temperature limits stool fermentation.
Stool collection may be performed over 24h, 48h and 72h.
To be clearly noted on the containers.

T10 : Stool container 1l

Alpha-2 Antiplasmin - activity - plasma — A2PLA *

1 mL Citrated Plasma ° FROZEN

1 week ° Chromogenic method

Freeze the sample within one hour. Home collection is not recommended.
One specific aliquot is required for this analysis.

Juvenalis - AgeCheck - woman

AAFEM *

6 x 1 ml serum (without separating gel): refrigerated ;
2 ml serum (without gel separator): frozen;
1 ml citrated plasma : frozen. °

3 weeks °

Do not use tubes with phase separator
Fasting sample required
This is a panel of analyses, which must be sent in full to Eurofins Biomnis, without being separated
It is essential to identify the nature of the sample on each tube sent.
Do not combine the Juvenalis report and the Eurofins Biomnis report in the same file.

Juvenalis - AgeCheck - man

AAMAS *

4 x 1 ml serum (without phase separator) : refrigerated;
2 x 2 ml serum (without phase separator) : frozen;
1 ml plasma citrate : frozen. °

3 weeks °

Do not use tubes with phase separator
Fasting sample required
This is a panel of analyses, which must be sent in full to Eurofins Biomnis, without being separated
It is essential to identify the nature of the sample on each tube sent.
Do not combine the Juvenalis report and the Eurofins Biomnis report in the same file.

Anti-nuclear antibodies - Serum

AANX *

2 mL Serum ° Refrigerated

3 days ° Immunofluorescence

1 specific aliquot for this analysis

Paranodes antibodies (anti- NF155, NF186, CNTN1, CASPR1) - serum

AAPAR *

1 mL Serum ° Refrigerated

45 days ° Indirect immunofluorescence

Amino acids - chromatography

AAS

1 mL heparinised plasma (do not use tubes with gel separators) ° FROZEN

1 week ° UPLC-MS

Enclose the specific clinical information form (R1-INTGB : Amino Acids - Organic Acids)
Fasting sample required
Freeze the sample within one hour. Home collection is not recommended.
One specific aliquot is required for this analysis.

Amino acids - chromatography - urine — AAU

2 tube(s) Early morning urine (fasting) ° FROZEN

7 days ° UPLC-MS

Enclose the specific clinical information form (R1-INTGB : Amino Acids - Organic Acids)
Fasting sample required
Freeze the sample within one hour. Home collection is not recommended.
The urine creatinine level, essential information for the result interpretation, is systematically performed

Tube for urine sample (4mL)-T28

ABO system immune antibodies - anti-A anti-B - screening and titration — ABAC *

5 mL Serum ° Refrigerated

8 days ° Hemagglutination in tube, indirect antiglobulin test

ALWAYS provide the following information:
1/ ABO blood group of mother;
- ABO blood group of newborn;
- direct Coombs result for infant (positive result justifies request);
- clinical data: neonatal jaundice
2/ Clinical data: immunocompromised state

Abacavir - plasma — ABACA *

3 mL EDTA Plasma centrifuged immediately ° FROZEN

3 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R6-INTGB : Anti-retroviral medicines)
Recommended residual rate, once steady state is reached

ABCB1 gene : Identification of the rs2032583 and rs2235015 variants — ABCB1

[Indéfinie] EDTA whole blood, extracted DNA (50µL, minimum 1µg) ° Ambient temperature

4 weeks ° Lib Twist, Seq 2x150 on MGI DNBSEQ T1+. Perf: # 98% at 30x on Refseq + 2 pb, sensibility > 99% (perf checked

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Sample must be refrigerated if transport is > 48 hours
Enclose the specific B36-INTGB request form : ABCB1 gene
This analysis code is to be used ONLY for pharmacogenetic requests concerning the ABCB1 gene only. If other genes are requested on the prescription (in particular cytochromes such as CYP2D6, CYP2C19, ...), the EPGX code must be used (650 euros HN), which enables these different requests to be met in a single analysis.

K34 : Kit Exome

Biogenic amines - CSF

ABIOX *

2 mL CSF ° FROZEN before sending

3 weeks °

tyrosine kinase ABL mutation

ABLR *

1 tube de sang total prélevé sur tube PAX gene ° FROZEN

1 month ° sequencing

Use the specific request form B8-INTGB: Malignant blood disorders
Attach:
- the current clinical and therapeutic data
- the results of the FBC - platelets
- the previous BCR-ABL quantification results, if follow-up is not performed in the laboratory

Mycobacteria - susceptibility testing

ABMA

Isolated strain on solid or in liquid medium (triple packing) ° Ambient temperature

28 days ° Mycobacterium tuberculosis: MGIT liquid antibiotic susceptibility test; Atypical Mycobacteria: Sensititre,

Enclose the specific clinical information form (R12-INTGB : Mycobacteria)
Specify the identification if known

S10: Diagnobox (three layers of sealed packaging)

Beta and alpha Thalassemia - gene study - EDTA whole blood

ABTHX *

10 mL EDTA whole blood ° Ambient temperature

30 days ° PCR

Enclose the specific B12-INTGB request form: Molecular Genetics

Bile acids - chromatography - serum

ACBCH *

3 mL Serum ° FROZEN before sending

30 days ° Gas Phase Chromatography / FID detection

One specific aliquot is required for this analysis.

Bile acids - serum

ACBI *

1 x 1 mL Serum ° Refrigerated

1 day ° Chemistry - Spectrophotometry

Fasting sample required
In the case of treatment by ursodeoxycholic acid (Delursan®, Ursolvan® or Ursodiol®), the sample should be taken before the next dose.

Acetone - occupattional health - urines

ACETU *

10 mL Urine sample ° Refrigerated

25 days ° Gas Phase Chromatography / FID detection

Collect the sample on a plastic container
Sample at end of work shift

Anti-intrinsic factor antibodies - serum

ACFIN *

1 x 1 mL Serum ° Refrigerated

1 day ° EliA (Fluoro-Enzymoimmunologie)

Anti-myelin antibodies - serum

ACMYE *

1 mL serum ° Refrigerated

21 days ° Immunofluorescence

Acetylcholine Esterase - amniotic fluid

ACOLA

3 mL Amniotic fluid ° Ambient temperature

14 days ° Polyacrylamide gel electrophoresis

Amniotic fluid before centrifugation, essential in case of haemorrhagic sample ALWAYS attach:
- the pregnancy data: date of pregnancy, number of foetuses, number of sacs sampled in case of twin pregnancy, ultrasonographic signs, abnormally high AFP level in serum Down's syndrome test, Depakine® treatment
- the medical prescription, medical certificate and patient consent form in accordance the regulation

CSF — ACPIL *

1 mL CSF ° Refrigerated

4 weeks ° Immunofluorescence

1 specific aliquot for this analysis
Enclose the specific clinical information form (R60-INTGB : anti neuronal Abs)
No compact or urine container for CSF samples

Antibodies anti C1 inhibitor search — ACTAC *

1 x 3 mL Serum ° FROZEN

2 weeks °

One specific aliquot is required for this analysis.
Please attach the specific clinical information sheet (R78-Anticorps anti-C1 inhibiteur)
Analysis carried out only if there is a weight and/or functional C1 inhibitor abnormality.

C1-inhibitor - complement fraction - functional + quantitation — ACTC1 *

2 mL Citrated Plasma (centrifugation within 3 hours of sample collection) + 3 mL Serum ° FROZEN

3 days (1 week if control) ° Spectrophotometry + Nephelometry

ACTH - Corticotrophin — ACTH *

1 mL Plasma EDTA + Aprotinine - not hemolysed ° FROZEN

1 day ° Electrochemiluminescence

If need be to specify a sample taken in the morning or in the evening, please select the specific analysis codes:
Sampling done between 7 a.m. and 10 a.m .: ACTHM
Sampling done in the evening: ACTHS
If sampling on EDTA tube: on cooled tube, refrigerated centrifugation, immediate decantation and freezing
Not to to be performed on haemolysed sample
One specific aliquot is required for this analysis.
CIRCADIAN RHYTHM: This biological molecule has a circadian rhythm (maximum concentration in morning), with a sufficiently significant amplitude to have an important influence on the clinical interpretation
ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

T2 : EDTA + aprotinine tube

ACTH - Corticotrophin

ACTH2 *

Plasma T0
Plasma T1 ° FROZEN

1 day ° Electrochemiluminescence

If sampling on EDTA tube: on cooled tube, refrigerated centrifugation, immediate decantation and freezing

ACTH - Corticotrophin

ACTH3 *

1 mL 1 mL Plasma T0
1 mL Plasma T1
1 ml Plasma T2 ° FROZEN

1 day ° Electrochemiluminescence

If sampling on EDTA tube: on cooled tube, refrigerated centrifugation, immediate decantation and freezing

ACTH - Corticotrophin

ACTH4 *

1 mL 1 mL Plasma T0
1 mL Plasma T1
1 ml Plasma T2
1 mL Plasma T3 ° FROZEN

1 day ° Electrochemiluminescence

If sampling on EDTA tube: on cooled tube, refrigerated centrifugation, immediate decantation and freezing

ACTH - Corticotrophin

ACTH5 *

1 mL 1 mL Plasma T0
1 mL Plasma T1
1 ml Plasma T2
1 mL Plasma T3
1 mL Plasma T4 ° FROZEN

1 day ° Electrochemiluminescence

If sampling on EDTA tube: on cooled tube, refrigerated centrifugation, immediate decantation and freezing

ACTH - Corticotrophin

ACTH6 *

1 mL 1 mL Plasma T0
1 mL Plasma T1
1 ml Plasma T2
1 mL Plasma T3
1 mL Plasma T4
1 mL Plasma T5 ° FROZEN

1 day ° Electrochemiluminescence

If sampling on EDTA tube: on cooled tube, refrigerated centrifugation, immediate decantation and freezing

ACTH - Corticotrophin 7 time

ACTH7 *

1 mL 1 mL Plasma T0
1 mL Plasma T1
1 ml Plasma T2
1 mL Plasma T3
1 mL Plasma T4
1 mL Plasma T5
1 mL Plasma T6 ° FROZEN

1 day ° Electrochemiluminescence

If sampling on EDTA tube: on cooled tube, refrigerated centrifugation, immediate decantation and freezing

ACTH - Corticotrophin 8 time

ACTH8 *

1 mL 1 mL Plasma T0
1 mL Plasma T1
1 ml Plasma T2
1 mL Plasma T3
1 mL Plasma T4
1 mL Plasma T5
1 mL Plasma T6
1 mL Plasma T7 ° FROZEN

1 day ° Electrochemiluminescence

If sampling on EDTA tube: on cooled tube, refrigerated centrifugation, immediate decantation and freezing

ACTH - Corticotrophin 9 time

ACTH9 *

1 mL 1 mL Plasma T0 1 mL Plasma T1 1 ml Plasma T2 1 mL Plasma T3 1 mL Plasma T4 1 mL Plasma T5 1 mL Plasma T6 1 mL Plasma T7 1 mL Plasma T8 1 mL Plasma T9 ° FROZEN

1 day ° Electrochemiluminescence

If sampling on EDTA tube: on cooled tube, refrigerated centrifugation, immediate decantation and freezing

ACTH - Corticotrophin - morning

ACTHM *

1 mL Plasma EDTA + Aprotinine - not hémolysed ° FROZEN

1 day ° Electrochemiluminescence

If sampling on EDTA tube: on cooled tube, refrigerated centrifugation, immediate decantation and freezing
Not to to be performed on haemolysed sample
Provide an individual aliquot for this assay
CIRCADIAN RHYTHM: This biological molecule has a circadian rhythm (maximum concentration in morning), with a sufficiently significant amplitude to have an important influence on the clinical interpretation
ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

T2 : EDTA + aprotinine tube

ACTH - Corticotrophin - evening

ACTHS *

1 mL Plasma EDTA + Aprotinine - not hémolysed ° FROZEN

1 day ° Electrochemiluminescence

If sampling on EDTA tube: on cooled tube, refrigerated centrifugation, immediate decantation and freezing
Not to to be performed on haemolysed sample
Provide an individual aliquot for this assay
CIRCADIAN RHYTHM: This biological molecule has a circadian rhythm (maximum concentration in morning), with a sufficiently significant amplitude to have an important influence on the clinical interpretation
ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

T2 : EDTA + aprotinine tube

Juvenalis - Panel - ActivCheck - woman

ACTIV *

6 × 1 mL serum (without gel separator): refrigerated
3 × 1 mL serum (without gel separator): frozen
2 × 2 mL heparinized plasma: refrigerated
1 × 2 mL heparinized plasma: frozen
2 × 2 mL EDTA whole blood: refrigerated
1 × 1 mL fluoride plasma: frozen °

3 weeks °

Do not use tubes with phase separator
This is a panel of analyses, which must be sent in full to Eurofins Biomnis, without being separated
Attach the specific health questionnaire to the back of the application form.
It is essential to identify the nature of the sample on each tube sent.
Do not combine the Juvenalis report and the Eurofins Biomnis report in the same file.

TPMT Activity or Thiopurine S-Methyltransferase Phenotyping - activity

ACTPM *

5 mL Lithium heparin whole blood (do not use gel separator tubes) ° Refrigerated

8 weeks ° Hight Performance Liquid Chromatography

Dispatch on the same day as collection
Collection from Monday to Wednesday in mainland France /
Collection from Monday to Tuesday in non-mainland France and for international shipments to the Europe and Mediterranean zones /
Collection on Monday for international shipments to other zones

Anti-Tr antibodies - serum

ACTR

1 mL serum (do not use 10 mL tube) ° Refrigerated

3 days ° Immunodot

Anti-Tr antibodies - CSF

ACTRL

1 mL CSF ° Refrigerated

3 days ° Immunodot

Acylcarnitine - . - blotting paper

ACYBX *

Guthrie card only ° Ambient temperature

1 week ° Gas Phase Chromatography / Mass Spectrometry (GC-MS)

Acylcarnitine - profile - plasma

ACYLC *

1 mL Heparin Plasma ° FROZEN

20 days ° Mass spectrometry (MS)

Attach the specific clinical information form (R26-INTGB: Metabolic Biochemistry)
Freeze the sample within one hour. Home collection is not recommended.
One specific aliquot is required for this analysis.
Centrifuge and settle within one hour following sampling

Acylcarnitine - profile - urine

ACYLU *

20 mL Urine ° FROZEN

20 days °

Attach the specific clinical information form (R26-INTGB: Metabolic Biochemistry)

Adenosine Deaminase - ADA

ADAD *

2 mL Serum, pleural or ascite fluid or CSF ° Refrigerated

6 weeks ° Spectrophotometry

accept : frozen
Not to to be performed on haemolysed sample
Stability 7 days refrigerated

Adalimumab

ADAL

1 mL Serum ° Refrigerated

8 days ° Chemiluminescence

Please attach the specific clinical information sheet (R46 : Anti-TNF)

Factor Willebrand protease activity - ADAMTS 13 — ADAM *

2 x 2 mL citated plasma ° FROZEN

1 week ° Dosage immunologique en chimiluminescence

Enclose the specific clinical information form (R9-INTGB : ADAMTS13 testing)
Plasma with platelets removed by double centrifugation: 2500 g 15 min and settled plasma. The patient must not receive heparin.
The search for IgG antibodies to ADAMTS'13 is systematically triggered if the activity of ADAMTS'13 is less than or equal to 10%. When the activity is between 10 and 20%, the search for antibodies can be initiated depending on the context and history.

Adenovirus - IgG serology - serum — ADENO

1 mL serum (do not use 10 mL tube) ° Refrigerated

8 days ° SERION ELISA classic

Adenovirus - screening - Stools — ADENS

Stools ° Refrigerated

1 day ° Immuno chromatography

The use of the purple S14UK transport bag is MANDATORY

S14: Special mycobacteria transport bags are to be used

ADH - Antidiuretic hormone — ADH *

3 mL Plasma EDTA + Aprotinine - not hemolyzed ° FROZEN

7 days ° Radioimmunoassay

Centrifuge at +4°C
Freeze the sample within 1 hour after sampling
One specific aliquot is required for this analysis.

ADH - Antidiuretic hormone — ADH02 *

[Indéfinie] 1 mL Plasma EDTA + Aprotinine - not haemolyzed T0
1 mL Plasma EDTA + Aprotinine - not haemolyzed T1 ° FROZEN

7 days ° Radioimmunoassay

Centrifuge at +4°C
Freeze the sample within 1 hour after sampling
One specific aliquot is required for this analysis.

ADH - Antidiuretic hormone — ADH03 *

[Indéfinie] 1 mL Plasma EDTA + Aprotinine - not haemolyzed T0
1 mL Plasma EDTA + Aprotinine - not haemolyzed T1
1 mL Plasma EDTA + Aprotinine - not haemolyzed T2 ° FROZEN

7 days ° Radioimmunoassay

Centrifuge at +4°C
Freeze the sample within 1 hour after sampling
One specific aliquot is required for this analysis.

ADH - Antidiuretic hormone — ADH04 *

1 mL 1 mL Plasma EDTA + Aprotinine - not haemolyzed T0
1 mL Plasma EDTA + Aprotinine - not haemolyzed T1
1 mL Plasma EDTA + Aprotinine - not haemolyzed T2
1 mL Plasma EDTA + Aprotinine - not haemolyzed T3 ° FROZEN

7 days ° Radioimmunoassay

Centrifuge at +4°C
Freeze the sample within 1 hour after sampling
One specific aliquot is required for this analysis.

ADH - Antidiuretic hormone - urine — ADHU *

1 tube(s) Non acidified 24hrs urine collection ° FROZEN

7 days ° Radioimmunoassay

Adiponectin - serum — ADIPO *

1 mL Serum ° FROZEN

40 days ° Enzyme-immunoassay

1 specific aliquot for this analysis
Centrifuge, Decant, Freeze the serum sample within 1 hour

Anti-DNA antibodies Double stranded DNA - Serum — ADNAC *

2 mL Serum ° Refrigerated

3 days ° Flow Immunofluorimetry

Hepatitis B - viral load - PCR — ADNBQ *

2.5 mL Serum or Heparin plasma ° FROZEN

1 day ° Real Time TMA

One specific aliquot is required for this analysis.

Adenovirus - direct diagnosis - PCR — ADNVB

[Indéfinie] Respiratory, eye, stool, urine, serum, plasma or whole blood samples EDTA, ° Refrigerated

6 days ° Real-time PCR

Use M4RT medium
The use of the purple S14UK transport bag is MANDATORY
Samples (other than swabs) must be sent as is, in a sterile container, without transport medium.
Other acceptable transport media: eSwab, Transwab and UTM. Alternatively, an Amies transport medium is acceptable.

S14: Special mycobacteria transport bags are to be used

Aldolase - serum — ADOLA *

1 mL Serum ° Refrigerated

1 day ° Chemistry - Spectrophotometry

Serum not hemolysed
blood draw preferentially after a 30-min resting period

AFP - Alpha fetoprotein - serum — AFP *

1 mL Serum ° Refrigerated

1 day ° Electrochemiluminescence

ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

AFP: Maternal serum marker - 2nd trimester of pregnancy - serum — AFP21

3 mL Serum (do not use plasma) ° Refrigerated

2 days ° TRACE (Time-Resolved Amplified Cryptate Emission)

Non hemolysed, non-icteric, non lipemic sample. Sample must be centrifuged as quickly as possible and international samples must be frozen within 4 hours of sampling.
Please conserve an additional sample in your serolibrary until you have received the result.
In accordance with French regulation, ALWAYS attach the prescription, a copy of the ultrasound report and a copy of the patient consent form, signed by both the patient and the physician.

AFP - Alpha fetoprotein - fluid — AFPD *

1 mL Miscellaneous Fluid ° Refrigerated

1 day ° Electrochemiluminescence

ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

AFP - Alpha-fetoprotein - amniotic fluid — AFPLA

3 mL Amniotic fluid ° Ambient temperature

14 days ° TRACE (Time-Resolved Amplified Cryptate Emission)

Amniotic fluid before centrifugation, essential in case of haemorrhagic sample ALWAYS attach:
- the pregnancy data: date of pregnancy, number of foetuses, number of sacs sampled in case of twin pregnancy, ultrasonographic signs, abnormally high AFP level in serum Down's syndrome test, Depakine® treatment
- the medical prescription, medical certificate and patient consent form in accordance the regulation

Anti-Basal Ganglia Antibodies (ABGA) - serum — AGBAX *

1 mL Serum ° Refrigerated

1 week ° Western-Blot

Cold agglutinins - screening - EDTA whole blood — AGF *

5 mL EDTA whole blood ° Ambient temperature

2 days ° Gel-filtration

A direct antiglobulin test is automatically performed in addition

Heparin induced thrombocytopenia - functional test — AGREG *

4 aliquots from 1.5 to 2 mL of citrated plasma (non ACD), with low platelets level obtained after centrifugation at 3500g with a temperature with a temperature liying between 15 to 25°C of failing this after a double centrifugation. ° FROZEN

10 days ° HIPA (functional platelet aggregation test)

Attach completed information form (ref: R19)
Sample to be collected before Orgaran and outside treatment with antiplatelet agents (other than GPIIa-IIIa)
If anti Pf4 antibodies were performed, please confirm the result and the method used

Angiostrongylus cantonensis - serology - serum — AGYLU *

1 mL Serum ° Refrigerated

1 month ° Western-Blot

Hippuric acid - urine — AH *

15 mL Random urine ° Refrigerated

1 month ° HPLC - High Performance Liquid Chromatography

Collect the sample on a plastic container
Sample at end of work shift

delta-Aminolevulinic acid - urine — ALAU *

10 mL early morning urine sample (stored away from light) ° Refrigerated

3 weeks ° Chromatography - Colorimetry

Albumin - serum — ALB *

1 mL Serum ° Refrigerated

1 day ° Immuno turbidimetry

ALWAYS specify the patient's age and gender

Albumin - aspiration biopsy — ALBD *

1 mL Aspiration biopsy ° Refrigerated

2 days ° Immuno turbidimetry

Albumin - CSF — ALBPL *

1 mL CSF ° Refrigerated

1 day ° Immuno turbidimetry

Ethyl alcohol - serum — ALCOL *

1 mL Serum ° Refrigerated

1 day ° Chemistry - Spectrophotometry

No disinfection of sampling point with alcohol

Aldosterone — ALDO *

1 mL Plasma EDTA ° FROZEN

2 days ° Radioimmunoassay

Optimal sampling conditions according to SFE / SFHTA / AFCE: in the morning, more than 2 hours after waking up, in a sitting position after 5 to 15 minutes, with normal dietary salt intake, normal kalemia, and without antihypertensive drugs that significantly interfere with the renin-angiotensin-aldosterone system. Antihypertensive medications that can be maintained during exploration include alpha-blockers and calcium channel blockers.
Do not refer haemolysed or lipemic samples.
DIET INFORMATION: our reference ranges are only valid for a normal salt intake (80-250mEq/24hrs natriuresis)
Specify standing or inclined:
Sampling in vertical position after 1 hour of walking: ALDOD
Sampling in the reclined position, after 1 h in the supine position: ALDOC

Aldosterone - Lying down — ALDOC *

1 Plasma EDTA ° FROZEN

2 days ° Radioimmunoassay

Do not refer haemolysed or lipemic samples.
DIET INFORMATION: our reference ranges are only valid for a normal salt intake (80-250mEq/24hrs natriuresis)
Specify upright or reclined (Sampling in upright position after 1 hr of walking; sampling in the reclined position after 1 hr in supine position)

Aldosterone - Standing or Sitting position — ALDOD *

1 Plasma EDTA ° FROZEN

2 days ° Radioimmunoassay

Optimal sampling conditions according to SFE / SFHTA / AFCE: in the morning, more than 2 hours after waking up, in a sitting position after 5 to 15 minutes, with normal dietary salt intake, normal kalemia, and without antihypertensive drugs that significantly interfere with the renin-angiotensin-aldosterone system. Antihypertensive medications that can be maintained during exploration include alpha-blockers and calcium channel blockers.
Do not refer haemolysed or lipemic samples.
DIET INFORMATION: our reference ranges are only valid for a normal salt intake (80-250mEq/24hrs natriuresis)

Aldosterone - urine — ALDOU *

1 tube(s) Non acidified 24hrs urine collection ° FROZEN

5 days ° Radioimmunoassay

Specify diuresis
DIET INFORMATION: our reference ranges are only valid for a normal salt intake (80-250mEq/24hrs natriuresis)

Specific IgE : ALEX - serum — ALEX

200 µL Serum ° Refrigerated

2 weeks ° Enzyme-linked immunosorbent assay (ELISA)

Assay 300 natural and molecular allergen extracts
Assay of total IgEs
Integrated inhibition of CDDs (cross-reactive carbohydrate determinants)

Alpha-1 Antitrypsin - dosage - Serum — ALFA1 *

1 mL Serum ° Refrigerated

2 days ° Nephelometry

Please specify the patient gender, age and the possible treatment (ALFALASTIN)

Alpha-2 Macroglobulin - serum — ALFA2 *

1 mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

ALWAYS specify the patient's age and gender

Alpha-1 Microglobulin - Urine (urination) — ALFMU *

1 tube(s) Urine (urination) ° Refrigerated

1 week ° Nephelometry

Tube for urine sample (4mL)-T28

Alpha subunit - hCG, FSH, LH, TSH - serum — ALPHA *

1 mL Serum ° FROZEN

10 days ° Radioimmunoassay

Aluminium — ALU

2 mL Sodium heparin plasma, heparinized plasma, lithium heparin plasma (do not use tubes with separator gel) ° Refrigerated

14 days ° Atomic absorption or ICP-MS

Spin down and immediately decant plasma from cells.
Immediately decant the plasma.(maximum 1 hour)
Use specific request form B107: Endocrine disruptors and environmental toxicology

Aluminium - urines

ALUU *

10 mL 24hr Urine collection ° Refrigerated

10 days ° Atomic absorption

Sample at end of work shift and at end of working week
Use specific request form B107: Endocrine disruptors and environmental toxicology

AMH - Anti-Müllerian hormone

AMH *

1 mL Serum ° Refrigerated

2 days ° EIA

ALWAYS attach the clinical and ultrasound information

AMH - Anti-Müllerian hormone - Child

AMHE *

1 mL Serum ° Refrigerated

2 days ° EIA

Only for children under 15 years of age
Not to to be performed on haemolysed sample
Attach the clinical data

Amikacin - Serum

AMI *

1 mL Serum ° Refrigerated

1 day ° Immunoenzymology

No gel tube
1 specific aliquot for this analysis
Enclose the specific clinical information form (R18-INTGB : Infectious agents)
Residual level = before injection; Peak = 30 min after end of infusion or 1 hr after IM injection

Amoebiasis - serology - serum

AMIB

1 mL serum (do not use 10 mL tube) ° Refrigerated

8 days ° Hemagglutionation + ELISA

Amiodarone + metabolite - Serum

AMIO *

3 mL Serum (do not use tubes with separator gel) ° Refrigerated

1 week ° LCMS/MS

Enclose the specific clinical information form (R13-INTGB : anti-arrhythmics)
One specific aliquot is required for this analysis.
Residual specimen, before collecting a new sample

Amisulpride - Serum

AMISU *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

8 days ° Liquid chromatography / Tandem mass spectrometry (LC-TMS/MS)

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.

Amitriptyline - Serum

AMIT *

3 mL Serum (do not use tubes with separator gel) ° FROZEN

1 week ° GCMS

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.
Always draw blood at the same time before another administration

Ammonaemia - plasma

AMMO *

1 mL Decanted, non lipemic, non haemolysed EDTA plasma ° FROZEN

1 day ° Chemistry - Spectrophotometry

One specific aliquot is required for this analysis.
SPECIAL OR DELICATE SAMPLE: the tubes, sampled from the fasting patient, must be filled completely and remain perfectly sealed. Immediately place the blood on ice, perform a refrigeratd centrifugation, settle the plasma and freeze within 20 minutes following sampling. Lipaemic and/or hemolysed samples must be removed. Sampling on EDTA only

Amoxicillin - Serum

AMOX *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

1 week ° HPLC - High Performance Liquid Chromatography

Centrifuge the sample and decant rapidly
Enclose the specific clinical information form (R18-INTGB : Infectious agents)

Anti nervous synaptics antibodies (anti- NMDAR, AMPAR1, AMPAR 2, Lgi1, Caspr2, GABAB, mGluR1, mGluR5, GlycR1) - serum

AMPAR *

1 mL Serum ° Refrigerated

2 to 3 weeks ° Immunofluorescence

Amphetamines - gastric juice — AMPHD *

15 mL Gastric fluid ° FROZEN

2 weeks ° Gas Phase Chromatography / Mass Spectrometry (GC-MS)

Please remember that the Eurofins Biomnis laboratory does not perform toxicological analysis for medico-legal purposes. Do not submit requests based on judicial requisition. Such analysis must be carried out by laboratories specialized in forensic expertise.

Amphetamines - dosage - plasma — AMPHS

2 mL Fluor plasma (do not use tubes with separating gel) ° Refrigerated

7 days ° LC-MS/MS

Spin down and immediately decant plasma from cells. Immediately decant the plasma.(maximum 1 hour)
Please remember that the Eurofins Biomnis laboratory does not perform toxicological analysis for medico-legal purposes. Do not submit requests based on judicial requisition. Such analysis must be carried out by laboratories specialized in forensic expertise.

Amphetamines - dosage - urines — AMPHU

2 mL urines ° Refrigerated

8 days ° LC-MS/MS

Please remember that the Eurofins Biomnis laboratory does not perform toxicological analysis for medico-legal purposes. Do not submit requests based on judicial requisition. Such analysis must be carried out by laboratories specialized in forensic expertise.

Amylase - serum — AMY *

1 mL Serum ° Refrigerated

2 days ° Chemistry - Spectrophotometry

Yeasts - antifungal susceptibility testing — AMYC *

Strain freshly subcultured ° Ambient temperature

2 weeks ° Mass spectrometry - Morphological analysis

Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology
Dispatch <48h after transplant date
Storage: room temperature, delivery: refrigerated

S10: Diagnobox (three layers of sealed packaging)

Amylase - aspiration biopsy — AMYD *

1 mL Aspiration biopsy ° Refrigerated

2 days ° Chemistry - Spectrophotometry

Spinal Muscular Atrophy - EDTA whole blood — AMYOX *

5 mL EDTA whole blood ° Ambient temperature

4 weeks ° Molecular biology

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription. Enclose the specific B12-INTGB request form: Molecular Genetics

Amylase - urine — AMYU *

1 tube(s) 24hr Urine collection or Early morning urine ° Refrigerated

1 day ° Chemistry - Spectrophotometry

Specify diuresis, do not acidify the urine

Anti-neutrophil cytoplasmic antibodies - ANCA - Serum — ANCAX *

2 mL Serum ° Refrigerated

4 days ° Immunofluorescence

Strongyloidiasis - serology - serum — ANG

1 mL serum (do not use 10 mL tube) ° Refrigerated

8 days ° Enzyme-immunoassay

Angiotensin II - plasma — ANGIO *

2 mL EDTA Plasma ° FROZEN

2 weeks (if dilution/control needed - TAT 4 weeks ° Radioimmunoassay

Collect sample on a ice-cooled tube. Spin down in a refrigerated centrifuge
Freeze the sample within 1 hour after sampling
One specific aliquot is required for this analysis.

anisakiasis - Specific IgE and IgG4 - serum — ANIS

1 mL Serum ° Refrigerated

8 days ° Fluorescent enzyme-immunoassay

Anti-annexin V antibodies - IgG - serum — ANNEX *

1 mL Serum ° Refrigerated

1 week ° Enzyme-immunoassay

Anti-factor XI antibodies - screening - Plasma — ANT11 *

2 x 2 mL Citrated Plasma ° FROZEN

2 days ° Chronometric method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
One specific aliquot is required for this analysis.
Quantification testing is performed for all positive screens
Factor XI level is always performed for each Anti factor XI request
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Anti-factor XII antibodies - screening - Plasma — ANT12 *

2 x 2 mL Citrated Plasma ° FROZEN

2 days ° Chronometric method

1 specific aliquot for this analysis
Enclose the specific clinical information form (R5-INTGB : Haemostasis)
Measurement of anti factor XII antibodies is performed automatically if detection of anti-factor XII is positive
Factor XII level is always performed for each Anti factor XII request
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Anti-factor II antibodies - screening - Plasma

ANTI2 *

2 x 2 mL Citrated Plasma ° FROZEN

2 days ° Chronometric method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
One specific aliquot is required for this analysis.
Quantification testing is performed for all positive screens
Factor II level is always performed for each Anti factor II request.
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Anti-Factor V antibodies - screening - Plasma

ANTI5 *

2 x 2 mL Citrated Plasma ° FROZEN

2 days ° Chronometric method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
One specific aliquot is required for this analysis.
Quantification testing is performed for all positive screens
Factor V level is always performed for each Anti factor V request
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Anti-factor VII antibodies - screening - Plasma

ANTI7 *

2 x 2 mL Citrated Plasma ° FROZEN

2 days ° Chronometric method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
Quantification testing is performed for all positive screens
Factor VII level is always performed for each Anti factor VII request
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Anti-factor VIII antibodies - screening - Plasma

ANTI8 *

2 x 2 mL Citrated Plasma ° FROZEN

2 days ° Chronometric method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
One specific aliquot is required for this analysis.
Quantification testing is performed for all positive screens
Factor VIII level is always performed for each Anti factor VIII request
Indicate the clinical context: treated haemophilia or suspicion of acquired haemophilia
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Anti-factor IX antibodies - screening - Plasma — ANTI9 *

2 x 2 mL Citrated Plasma ° FROZEN

2 days ° Chronometric method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
One specific aliquot is required for this analysis.
Quantification testing is performed for all positive screens
Factor IX level is always performed for each Anti factor IX request
Indicate the clinical context: treated haemophilia or suspicion of acquired haemophilia
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Antidepressants - screening - identification - dosage - urine — ANTU *

5 mL urine ° Refrigerated

1 week ° LCMS/MS

Always specify the clinical context : efficiency or toxicity

50% haemolysis time - alternative pathway complement - serum — AP50 *

3 mL Serum (do not use tubes with separator gel) ° FROZEN

2 months ° Enzyme-immunoassay

Congeler dans l'heure

Phytanic acid - plasma — APHYX *

2 mL EDTA plasma or Heparin plasma ° FROZEN

2 weeks ° Liquid Phase Chromatography / Mass Spectrometry (LC-MS)

Freeze the sample within one hour. Home collection is not recommended.

Apixaban(Eliquis ®) - Anti Xa activity measurement - plasma — APIX *

1 mL Citrated Plasma ° FROZEN

1 day ° Chromogenic method

Centrifuge and decant
Freeze the sample within 1 hour after sampling
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Tissue plasminogen activator - tPA - antigen - plasma

APLA *

1 mL Citrated Plasma ° FROZEN

1 month ° Enzyme-immunoassay

One specific aliquot is required for this analysis.
Please label the request in words and do not use abbreviations
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Apolipoprotein A1 - serum

APOA *

1 mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

Fasting sample required

Apolipoprotein B - serum

APOB *

1 mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

Fasting sample required

Apolipoprotein C3 - serum

APOC3 *

1 mL Serum ° FROZEN

2 months ° Differential Electroimmunodiffusion

Apolipoprotein E - methylated gene-transmitted - EDTA whole blood

APOEX *

5 mL EDTA whole blood ° Ambient temperature

4 weeks ° PCR

Enclose the specific B12-INTGB request form: Molecular Genetics

Pristanic Acid - plasma

APRIS *

1 mL Lithium heparin plasma ° FROZEN

4 weeks °

1 specific aliquot for this analysis and phytanic acid dosed together
Attach the specific clinical information form (R26-INTGB: Metabolic Biochemistry)
Freeze the sample within one hour. Home collection is not recommended.

Pyruvic acid - Supernatant or CSF — APYR *

[Indéfinie] Supernatant or CSF ° FROZEN

15 days ° Chemistry - Spectrophotometry

Attach the specific clinical information form (R26-INTGB: Metabolic Biochemistry)
Freeze the sample within one hour. Home collection is not recommended.
Refer to the specific collection and storage protocol
For lactate and pyruvate assay in CSF samples: send the sample frozen within one hour.
If multiple defecations occur, do not pool the supernatants, otherwise the sample will be rejected due to abnormal volume.

Aripiprazole — ARIPI

1 mL lithium heparin plasma (do not use tubes with separator gel) ° Refrigerated

1 week ° Liquid chromatography / Tandem mass spectrometry (LC-TMS/MS)

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.
Always draw blood at the same time before another administration
The following tests can be performed on the same sample: Aripiprazole; Clozapine; Haloperidol; Olanzapine; Quetiapine; Risperidone.

Hepatitis C - viral load - quantitative PCR — ARNCQ *

2.5 mL Serum or Heparin plasma ° FROZEN

1 day ° Real Time TMA

One specific aliquot is required for this analysis.

Ascariasis - serology - serum — ASC

1 mL serum (do not use 10 mL tube) ° Refrigerated

8 days ° Enzymology

Anti-Saccharomyces cerevisiae antibodies - IgG/IgA - serum — ASCA *

1 x 2 mL Serum ° Refrigerated

3 days ° EliA (Fluoro-Enzymoimmunologie)

Streptococcus A- Serology-Abs to streptodornase B (ASD) - serum — ASDOR

1 mL serum (do not use 10 mL tube) ° Refrigerated

5 days ° Immuno turbidimetry

Frozen serum samples are accepted.

Anti-asialoglycoprotein receptor antibodies - serum — ASIAX *

2 mL Serum ° Refrigerated

1 month ° Immunofluorescence

Aspergillosis - confirmation serology - serum — ASIEP

2 mL serum (do not use 10 mL tube) ° Refrigerated

3 days ° Western-Blot

Be careful, confirmation of aspergillary serology is not to be performed as a first-line treatment
It should be performed in the event of a positive or equivocal result of an aspergillary serology screening

Streptococcus A - Serology- Ac anti streptolysin O (ASLO) - serum — ASLO

1 mL serum (do not use 10 mL tube) ° Refrigerated

5 days ° Immuno turbidimetry

Frozen serum samples are accepted.

Aspergillosis - soluble antigen - testing - serum — ASPAG

1 mL serum (do not use 10 mL tube) ° Refrigerated

5 days ° Chemiluminescence

Aspergillosis IgG serology screening - serum — ASPER

1 x 2 mL serum (do not use 10 mL tube) ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay

If equivocal or positive, the confirmation test is automatically performed.

Arsenic - Plasma

ASPL *

3 mL Heparin plasma (do not use tubes with separator gel) ° Refrigerated

1 month ° Atomic absorption

Use specific request form B107: Endocrine disruptors and environmental toxicology

Aspergillosis - soluble antigen - testing - BAL

ASPLB *

BAL ° FROZEN

7 days °

One specific aliquot is required for this analysis.
Transport and storage of samples in sealed tubes away from air to avoid contamination responsible for false positive results
To be avoided: too viscous sampling

Antithrombin - functional activity - plasma

AT *

2 mL Citrated Plasma ° FROZEN

1 day ° Chromogenic method

Always specific the treatment and clinical context of the test prescription: Unfractionated heparin may induce a weak decrease in antithrombin level.
The interference is reduced with HMWH.
In case the patient is under treatment, the test can be performed. Deficiency will be rulled out if antithrombin level is normal. If the result is lowered, a repeat testing will have to be performed at distance from any treatment. Do not collect samples from a patient under direct oral anticoagulants.
Do not measure the activity of antithrombin if treatment in progress with direct anticoagulant active by oral of type anti-Xa (XARELTO, ELIQUIS).
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.
The assay should be performed after a 5-day discontinuation of the ODA treatment

Antithrombin - antigen - plasma

ATAG *

1 mL Citrated Plasma ° FROZEN

1 week ° Immuno turbidimetry

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.
Be aware: antithrombin activity (functional test) should be done in first line for antithrombin deficiency diagnostic

Anaerobic and aerobic bacteria - susceptibility testing — ATBSM *

Strain freshly subcultured in petri dishes or agar tubes, pure, in a suitable atmosphere ° Ambient temperature

1 week ° Conventional bacteriological culture

Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology
Delivery time: < 5 days
Do not send us strains of Neisseria meningitidis , Brucella sp, Burkholderia psneudomalei/maleii, Francisella tularnesis, Bacillus antracis and Yersinia pestis.
.
.
Storage: room temperature, delivery: refrigerated

S10: Diagnobox (three layers of sealed packaging)

Alpha-Thalassemia - gene study - EDTA whole blood — ATHAX *

10 mL EDTA whole blood ° Ambient temperature

30 days ° PCR

Enclose the specific B12-INTGB request form: Molecular Genetics

Propranolol - Serum — AVLO *

2 mL Serum (do not use tubes with separator gel) ° Refrigerated

2 weeks ° HPLC - High Performance Liquid Chromatography

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)

Immunophenotyping: Lymphocytes B - CD19 - EDTA whole blood — B1 *

3 mL EDTA whole blood ° Ambient temperature

1 day ° Flow Cytometry

The sample must reach us WITHOUT FAIL within 24 hrs of sampling.
Analytical stability : 96h
Always attach the lymphocyte count performed on the same day as sampling.

Vitamin B12 - serum — B12 *

1 mL Non-hemolysed serum ° FROZEN

1 day ° CMIA

One specific aliquot is required for this analysis.

HLA-B27 - genotyping — B27BM

5 mL Whole blood EDTA, avoid tubes containing beads. ° Ambient temperature

4 days ° Real-time PCR

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription. Enclose the specific B12-INTGB request form: Molecular Genetics
.

Anti-beta 2 glycoprotein 1 antibodies - B2GP1 - IgG - Serum — B2GPI *

1 mL Serum ° Refrigerated

2 days ° EliA (Fluoro-Enzymoimmunologie)

Anti-beta 2 glycoprotein 1 antibodies - B2GP1 - IgM - Serum — B2GPM *

1 mL Serum ° Refrigerated

2 days ° EliA (Fluoro-Enzymoimmunologie)

Beta-2 microglobulin - serum — B2M *

1 mL Non haemolysed serum ° Refrigerated

1 day ° Chemiluminescence

Always indicated the beginning or the end of dialysis

Beta-2 microglobulin - CSF — B2MLC *

1 mL CSF ° Refrigerated

1 day ° Chemiluminescence

Beta-2 microglobulin - urine — B2MU *

1 tube(s) 24hr urine collection ° FROZEN

1 day ° Chemiluminescence

1 specific aliquot for this analysis
Urines must not be acidified. If by mistake it has been, please adjust pH (between 6 and 8) as quick as possible before the sample been sent by addition of NaOH 1N
Specify diuresis

Class I HLA - B*5701 allele - EDTA whole blood — B5701 *

5 mL EDTA whole blood ° Ambient temperature

20 days ° [To be translated]

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
HLA B5701 can only be performed after Class I HLA analysis has been processed.
Kindly note that the 2 tests will be charged if performed.
Sample must be refrigerated if transport is > 48 hours
Complete and attach the information form available on www.eurofins-biomnis.com together with the patient request form

Designated bacterium - direct diagnosis - PCR — BACBM *

Samples taken from sterile sites (puncture fluids such as pleural fluids (sterile bottle, dry tube), CSF (sterile sealed tube), skin biopsy in case of suspected purpura fulminans (sterile bottle, dry tube), bacterial culture (culture medium or agar tube) - 0.5 mL for liquid samples ° Refrigerated

1 week ° Real-time PCR

Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology
.
Delivery time: 5 days refrigerated for samples, 5 days at room temperature for bacterial cultures.

S14: Special mycobacteria transport bags are to be used

Haemophilus ducreyi - screening — BADUC *

Smear or swab ° Refrigerated

2 days ° Staining and microscopic analysis

Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology
The use of the purple S14UK transport bag is MANDATORY

S14: Special mycobacteria transport bags are to be used

Bacteriological screening — BAF *

Various samples such as stool, midstream urine, respiratory samples (sputum, BAL), puncture fluids (joint fluid, pleural fluid), osteoarticular biopsies/tissues ° Refrigerated

1 week ° culture

Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology
The use of the purple S14UK transport bag is MANDATORY
Delivery time: 48H
Container :
Sterile dry bottle, dry tube, transport medium suitable for eswab/transwab type bacterial culture depending on the nature of the sample
Sterile bottle with red cap for stool collection
Sterile borated urine tube

S14: Special mycobacteria transport bags are to be used

Barbiturates - Urine (urination) — BARBU *

1 tube(s) Urine (urination) ° Refrigerated

2 days ° Immunoenzymology

Please remember that the Eurofins Biomnis laboratory does not perform toxicological analysis for medico-legal purposes. Do not submit requests based on judicial requisition. Such analysis must be carried out by laboratories specialized in forensic expertise.

Beta-carotene — BCARO *

1 mL Lithium heparin plasma (stored away from light) (Gel-free separator tubes) ° FROZEN

10 days ° HPLC - High Performance Liquid Chromatography

Sample to be frozen within 90 minutes . Home sampling is not advisable.
One specific aliquot is required for this analysis.

BCR-ABL - gene - qualitative — BCR

Whole blood on PAX gene tube : frozen
1 x 4 ml EDTA whole blood : ambient °

18 days ° One-step real-time RT-PCR. Detection of 18 BCR fusion transcripts:: ABL (e1a2, e1a3, e4a2, e4a3, e6a2, e6a3,

Use the specific request form B8-INTGB: Malignant blood disorders
4 days stability

K10 : PAXgene tube

µBCR ABL - whole blood — BCRM *

5 mL Total blood collected on PAX gene tube available on demand ° Ambient temperature

30 days ° RT - PCR

BCR-ABL - gene - quantitative — BCRQ

Whole blood on PAX gene tube ° FROZEN

10 days ° RT-qPCR - Test Xpert BCR-ABL Ultra - Cepheid

Use the specific request form B8-INTGB: Malignant blood disorders
Attach:
- the current clinical and therapeutic data
- the results of the FBC - platelets mandatory
- Molecular biology results as of the date of mandatory diagnosis (if not performed in our laboratory).

K10 : PAXgene tube

m-BCR-ABL quantification for MDR evaluation - whole blood — BCRX *

5 mL Total blood collected on PAX gene tube available on demand ° Ambient temperature

30 days ° RT - PCR

Beta defensine 2 - Stool — BDEF2 *

20 g (volume de selles équivalent à une pêche) Stool specimen ° Refrigerated

Sample

8 days ° ELISA

Beta-D-Glucan antigen - screening — BDGLU

1 mL Serum decanted in sterile conditions or centrifuged and not decanted on separator tube ° FROZEN before sending

8 days ° Turbidimetry

Benzodiazepines - identification - urine — BENIU *

5 mL urine ° Refrigerated

1 week ° Liquid Phase Chromatography / Mass Spectrometry (LC-MS)

Always indicate the clinical context
Attach the specific clinical information sheet (R13-INTGB : Medication quantification)

Benzodiazepines - screening and identification — BENZC *

2 mL heparinised plasma (do not use tubes with gel separators) ° FROZEN

10 days ° Liquid Phase Chromatography / Mass Spectrometry (LC-MS)

Always indicate the clinical context
One specific aliquot is required for this analysis.

Benzene - EDTA whole blood or Heparin — BENZE *

5 mL EDTA whole blood or Heparin ° Refrigerated

25 days ° Gas Phase Chromatography / FID detection

Do not use tubes containing merthiolate
Sample at end of work shift
Transfer whole blood into a special glass tube with a PTFE lid

T17 : Glass tube, PTFE lid for organic solvents detection - blood

Benzodiazepines - screening and identification - Serum — BENZS *

1 mL Serum (do not use tubes with separator gel) ° FROZEN

1 day ° Homogeneous phase enzyme-linked immunosorbent technique

Samples can be frozen and thawed 3 times
Please remember that the Eurofins Biomnis laboratory does not perform toxicological analysis for medico-legal purposes. Do not submit requests based on judicial requisition. Such analysis must be carried out by laboratories specialized in forensic expertise.

Benzodiazepines - screening without identification - Urine (urination) — BENZU *

1 mL Urine (urination) ° Refrigerated

2 days ° Immunoenzymology

Bevacizumab - serum — BEVA *

1 mL Serum ° FROZEN

30 days ° Enzyme-immunoassay

Always draw blood at the same time before another administration
Please attach the specific clinical information sheet (R46 : Anti-TNF)

hCG - free beta chain - subunit - serum — BHCG *

1 mL Serum ° FROZEN

3 days ° Radioimmunoassay

Do not use heparinised plasma

hCG - free beta chain - subunit - various specimen — BHCGD *

[Indéfinie] Various types of specimen ° FROZEN

2 days ° Radioimmunoassay

Bictegravir - Serum — BICTE *

3 mL Serum (do not use tubes with separator gel) ° FROZEN

3 weeks ° Liquid Phase Chromatography / Mass Spectrometry (LC-MS)

Enclose the specific clinical information form (R6-INTGB : Anti-retroviral medicines)
Recommended residual rate, once steady state is reached.

Schistosomiasis - screening serology - serum — BIL

1 x 1 mL serum (do not use 10 mL tube) ° Refrigerated

4 days ° Enzyme-immunoassay

If equivocal or positive, the confirmation test is automatically performed.

Schistosomiasis - direct diagnosis - PCR — BILBM

10 mL Urine (preferably at the end of morning micturition) ° Refrigerated

6 days ° PCR

The use of the purple S14UK transport bag is MANDATORY
Urines must be sent as is (with no transport medium)

S14: Special mycobacteria transport bags are to be used

Schistosomiasis - confirmation serology - serum — BILC

1 mL serum (do not use 10 mL tube) ° Refrigerated

5 days ° Western-Blot

Bilirubin - total - free - combined - serum — BILI *

250 µL Serum ° Refrigerated

1 day ° Colorimetry

Store away from light

Bilirubin total - serum — BILIT *

1 mL Serum ° Refrigerated

1 day ° Chemistry - Spectrophotometry

Store away from light

Semen biochemistry - seminal plasma — BIOSP

1.0 mL Seminal plasma on fluoridated tube ° FROZEN

15 days °

Sample must be taken after 2-8 days of abstinence.
Always indicate the ejaculate volume, the pH, sperms count and abstinence period.
Sample preparation: centrifuge the tube at 1000 g for 10 min, collect the supernatant (minimum 0.5 mL) in an empty tube (plastic or glass).
[To be translated]

Biotinidase - serum

BIOTI *

2 mL Serum ° FROZEN

1 month ° Colorimetry

Attach the specific clinical information form (R26-INTGB: Metabolic Biochemistry)
Freeze the sample within one hour. Home collection is not recommended.
One specific aliquot is required for this analysis.

Biperiden - serum

BIPE *

2 mL Serum ° Refrigerated

3 weeks ° Gas Phase Chromatography / NPD

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)

Bismuth - EDTA whole blood

BISM *

5 mL EDTA whole blood ° Ambient temperature

10 days ° Inductively coupled plasma-mass spectrometry

Bisoprolol - serum

BISO *

3 mL Serum ° FROZEN

2 weeks ° HPLC - High Performance Liquid Chromatography / UV detection

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)

Bisphenols - urines - Bisphenols

BISP *

6 mL Early morning urine ° Refrigerated

4 weeks ° LCMS/MS

To be carried out preferably on the first urination in the morning.
One specific aliquot is required for this analysis.
Use specific request form B107: Endocrine disruptors and environmental toxicology

Bence Jones - screening

BJ *

2 mL 24-hour urine sample or morning urine sample ° Refrigerated

2 days ° Immunofixation

IMPORTANT: collection and transportation at +4°C
Urine WITHOUT preservative and WITHOUT addition of acid
Specify diuresis
Join the information relating to electrophoresis and serum immunofixation

Mycobacteria - PCR M. tuberculosis complex (BKBM)

BKBM

Lung samples, tissue samples, puncture fluid (50 mL), CSF (1 mL), biopsies, blood (citrate) and bone marrow (citrate), sputum. ° Refrigerated

2 days ° Molecular biology

Enclose the specific clinical information form (R12-INTGB : Mycobacteria)
The use of the purple S14UK transport bag is MANDATORY
Do not use heparinised tubes

S14: Special mycobacteria transport bags are to be used

Mycobacteria - culture

BKDEF

[Indéfinie] Expectoration(3 consecutive days), BAL, Bronchial aspiration, Lung swabs, Pleural fluid, Ascites fluid, Joint fluid, Pericardial fluid, Gastric fluid, Gastric tubing (3 consecutive days): 5 mL (3 consecutive days) Urine: 50 mL morning urine (3 consecutive days), CSF: 1 mL, Stool: 20 g, Biopsies, Swab: 2 swabs (do not add fluid), Pus or abscess: 2mL or swabs (do not add fluid), Citrated whole blood: 10 mL minimum, Bone marrow ° Refrigerated

43 days (full results), Change in result up to 92 days if solid culture positivization ° Liquid medium and solid medium

Always specify the sample type
Enclose the specific clinical information form (R12-INTGB : Mycobacteria)
The use of the purple S14UK transport bag is MANDATORY

S14: Special mycobacteria transport bags are to be used

Mycobacteria - direct examination

BKDIR

[Indéfinie] Expectoration (3 consecutive days), BAL, Bronchial aspiration,Ponctures fluids, pulmonary sample , ascite fluid, gastric fluid, Gastric intubation(3 consecutive days) : 5 mL, Urine: 50 mL of morning urine (3 consecutive days), CSF: 1 mL, Stool: 20 g,Biopsies, swabbing: 2 swabs, do not add fluid,Pus or abscess : 2ml or swab, do not add fluid. ° Refrigerated

2 days ° Auramine and/or Ziehl Neelsen stain

Enclose the specific clinical information form (R12-INTGB : Mycobacteria)
The use of the purple S14UK transport bag is MANDATORY

S14: Special mycobacteria transport bags are to be used

Mycobacteria - PCR detection of rifampicin and isoniazid resistance in M.tuberclosis complex — BKRES

(Si prélèvement "mère" = 2 ml) Pure tuberculosis complex strain on solid or liquid medium, Sample if direct examination positive with positive MTBc PCR ° Strain: room temperature, positive ED sample: max. 5 days at 4°C

3 days ° GenoType® MTBDRplus

Enclose the specific clinical information form (R12-INTGB : Mycobacteria)

#MULTIVALUE

Mycobacteria - PCR detection of mutations associated with resistance to isoniazid, ethionamide, fluoroquinolones and second-line injectable antibiotics (aminosides) — BKXDR

Lung samples, puncture fluid, lymph node, biopsies, urine (50 mL), CSF (1 mL) Positive cultures for M. tuberculosis complex in BBL MGIT ° Refrigerated

2 days ° Cepheid Xpert® MTB/XDR

Blood samples taken from heparinised tubes are not accepted.
Notion of presence of Mycobacterium tuberculosis complex (PCR or culture positive) to be transmitted obligatorily

#MULTIVALUE

blood grouping - genotyping - EDTA whole blood — BMGR *

5 mL EDTA whole blood ° Ambient temperature

30 days for the RHD and RHCE genes (longer if no known molecular abnormality requiring an extensive gene study), 10

Analysis reserved for women aged under 50 years old, subjects with haemoglobinopathies and polyvaccinated subjects.
Please attach the patient's rhesus phenotype to the other required documents (certificate, consent and prescription).
Enclose the specific B12-INTGB request form: Molecular Genetics

Molecular panel acute leukemia - EDTA whole blood — BMLEA *

5 mL EDTA whole blood ° Ambient temperature

30 days °

Enclose the specific B12-INTGB request form: Molecular Genetics

Antibiotic multi-resistant bacteria (MRB) - screening — BMR *

Test for ESBL, EPC, VRE: stool or anal swab on standard swab in AMIES transport medium (presence of material on swab) ° Refrigerated

1 week ° Culture on specific media, identification(s) and antibiogram(s) if necessary

Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology
The use of the purple S14UK transport bag is MANDATORY
Delivery time: 48H
Sterile red-capped bottle for stool collection or transport medium suitable for bacterial culture (AMIES type)

S10: Diagnobox (three layers of sealed packaging)

BNP - Brain Natriuretic Peptide - Plasma

BNP *

1 mL Non-hemolyzed EDTA plasma ° FROZEN

1 day ° CMIA

Avoid more than 3 freeze / thaw cycles
One specific aliquot is required for this analysis.
In order to obtain a reliable result, the sample (EDTA plasma) must be collected in a plastic tube

Lyme disease - IgG intrathecal index - CSF + serum

BOINT *

[Indéfinie] 1 mL CSF + 1 mL Serum (IMPERATIVE) ° Refrigerated

4 days ° Chemiluminescence and Immunoturbidimetry

a specific tube for CSF

Lyme disease - IgG/IgM screening serology - serum

BOR *

1 mL Serum ° Refrigerated

2 days ° Chemiluminescence

In case of positive or borderline screening result, the confirmation test is automatically performed

Borreliosis - direct diagnosis - PCR

BORBM

[Indéfinie] Biopsy (skin, joint), joint fluid, CSF (0.5 mL minimum), EDTA whole blood or serum; EDTA plasma (2 mL minimum) ° Refrigerated

4 days ° Real-time PCR

Use M4RT medium
The use of the purple S14UK transport bag is MANDATORY
Samples (other than swabs) must be sent as is, in a sterile container, without transport medium.
Other acceptable transport media: eSwab, Transwab and UTM. Alternatively, an Amies transport medium is acceptable.

S14: Special mycobacteria transport bags are to be used

Boron - plasma

BORES *

3 mL plasma ° Refrigerated

3 weeks ° Optical Emission Spectrometry with Inductively Coupled Plasma (ICP-OES)

Lyme disease - screening serology - CSF — BORPL *

1 mL CSF ° Refrigerated

2 days ° Chemiluminescence

Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-Dsg3 - serum — BP180

2 mL serum (do not use 10 mL tube) ° Refrigerated

8 days ° ELISA

Panel NGS- Leucémie à tricholeucocytes - BRAF/BCOR/KLF2/MAP2K1/NOTCH1/NOTCH2 — BRAF

5 ml EDTA whole blood or 2 ml EDTA bone marrow or DNA extracted : (200ng of DNA minimum) ° Ambient temperature

10 days ° Targeted mutation analysis of a selected gene panel using massively parallel sequencing (MPS).

Samples to be collected from Monday to Friday
Sample must be refrigerated if transport is > 48 hours
Use the specific request form B8-INTGB: Malignant blood disorders
Attach:
- the results of the FBC- platelets
- the bone marrow report
- the immunophenotyping report
- Results of lymph node histology (if performed)

S9L: Envelopes yellow for karyotypes LYON

DNA NGS Panel for brain solid tumors — BRAIN

FFPE scrolls (6 scrolls of 10µm) or unstained slides (6 unstained 10µm slides), accompanied by an H&E slide with the tumor area circled strongly recommended when the tumor cellularity is <30% or an FFPE tumor block, or extracted DNA. ° Ambient temperature

14 days ° Detection of variants in a targeted gene panel using massively parallel sequencing (MPS).

For tumor tissue scrolls, a 1.5 mL Eppendorf tube (reference: Eppendorf tubes 3810X, 1.5 mL) is strongly recommended.
Use the specific request form B9-INTGB: Oncology-Solid tumors
The use of the S25UK transport bag is Mandatory.
Attach the anatomopathological report

S25 : Envelope Genetics and Molecular Oncology

Séquencage des gènes BRCA1 et BRCA2 — BRCAN

5 mL blood on EDTA. Do not use tubes with separator gel or beads. ° Ambient temperature

2 weeks ° Long Range PCR Amplification, Long Fragment Sequencing on Oxford Nanopore Technologies Platform.

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Send the tube within 48 hours.
Sample must be refrigerated if transport is > 48 hours
.
Use S19 envelope (gray envelope with purple label)
Use the specific request form B109: Study of BRCA1 and BRCA2 genes

Brivaracetam - Serum — BRIVA *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

7 days °

1 specific aliquot for this analysis
Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
Residual level sample and equilibrium withdrawals

Brucellosis - Serology (Rose bengale + brucellacapt) - serum — BRUC

1 x 0.5 mL serum (do not use 10 mL tube) ° Refrigerated

7 days ° Agglutination

Butoxyacetic acid - urine — BTXU *

10 mL urine sample ° Refrigerated

6 weeks ° Gas Phase Chromatography / FID detection

Sample at end of work shift

Buprenorphine - Serum — BUPS *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

2 weeks ° Liquid Phase Chromatography / Mass Spectrometry (LC-MS)

Always indicate the clinical context
Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.
Please remember that the Eurofins Biomnis laboratory does not perform toxicological analysis for medico-legal purposes. Do not submit requests based on judicial requisition. Such analysis must be carried out by laboratories specialized in forensic expertise.

Buprenorphine and metabolites - urine — BUPU *

5 mL Urine ° FROZEN

2 weeks ° LCMS

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
Please remember that the Eurofins Biomnis laboratory does not perform toxicological analysis for medico-legal purposes. Do not submit requests based on judicial requisition. Such analysis must be carried out by laboratories specialized in forensic expertise.

Syphilis - Treponemique test - screening serology - serum — BW *

1 mL Serum ° Refrigerated

2 days ° Electrochemiluminescence

in case of positive screening, initiation of a non-treponemal test.

Syphilis - IgM serology - serum — BWIGM *

1 mL Serum ° Refrigerated

8 days ° Enzyme-immunoassay

Syphilis - VDRL or quantitative RPR — BWQ *

1 mL non-lipemic serum ° Refrigerated

3 days ° Immuno turbidimetry

Syphilis - titration - CSF — BWQPL *

1 mL CSF ° Refrigerated

2 days ° VDRL-TPHA

Benzene — BZU *

[Indéfinie] 1 × 10 mL glass tube of urine (T18) and 1 × 2 mL urine tube for creatinine. ° Refrigerated

25 days ° Gas Phase Chromatography / Mass Spectrometry (GC-MS)

Glass container with PTFE stopper, supplied upon request

CA 125 antigen - aspiration biopsy — C125D *

1 mL Aspiration biopsy ° Refrigerated

1 day ° Electrochemiluminescence

CA 15-3 antigen - aspiration biopsy — C153D *

1 mL Aspiration biopsy ° Refrigerated

1 day ° Electrochemiluminescence

CA 19-9 antigen - aspiration biopsy — C199D *

1 mL Aspiration biopsy ° Refrigerated

1 day ° Electrochemiluminescence

C1q - complement fraction - serum — C1Q

1 mL serum (do not use 10 mL tube) ° FROZEN

5 days ° Nephelometry

Anti-C1q antibodies - serum — C1QAC *

1 mL Serum ° Refrigerated

1 week ° Enzyme-immunoassay

Factor B - complement fraction - serum — C3ACT *

1 mL serum (do not use 10 mL tube) ° FROZEN

1 week ° Nephelometry

C3NeF - Nephritic factor - serum

C3NEF *

1 mL Serum ° Refrigerated

6 weeks ° Immuno chemistry

Specify C3 value
Stability 7 days refrigerated

CA 72-4 antigen - aspiration biopsy

C724D *

1 mL Aspiration biopsy ° Refrigerated

2 days ° Electrochemiluminescence

CA 125 antigen - serum

CA125 *

1 mL Serum ° Refrigerated

1 day ° Electrochemiluminescence

ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

CA 15-3 antigen - serum

CA153 *

1 mL Serum ° Refrigerated

1 day ° Electrochemiluminescence

ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

CA 19-9 antigen - serum

CA199 *

1 mL Serum ° Refrigerated

1 day ° Electrochemiluminescence

ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

CA 50 antigen - serum

CA50 *

1 mL Serum ° FROZEN

2 weeks ° Radioimmunoassay

CA 72-4 antigen - serum

CA724 *

1 mL Serum ° Refrigerated

2 days ° Electrochemiluminescence

ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

CABOTEGRAVIR - Serum

CABOT *

3 mL Serum (do not use tubes with separator gel) ° FROZEN

2 weeks ° LCMS

Enclose the specific clinical information form (R6-INTGB : Anti-retroviral medicines)
Recommended residual rate, once steady state is reached

Ionised calcium

CAIO *

5 mL Serum not decanted on a dry tube with separator gel, never open the tube: IMPERATIVE ° FROZEN

1 day ° Direct potentiometry

Not to to be performed on haemolysed sample
Collect a specific aliquot for this test.Note : the sample will be used for this test only, do not associate another test request on the same sample
Freeze the sample within 1 hour after sampling
No sampling on glass tubes

Urinary stone - morphologic and infrared analysis

CAL

stone(s) or filtered urinary deposit ° Ambient temperature

14 days ° Morphological analysis and infrared spectrophotometry (SPIR)

Enclose the specific clinical information form (R32-INTGB urinary tract lithiasis)
Send the entire calculus, previously washed and dried in a sterile container which does not contain any compound (no borate in particular). Urines is not accepted.

Anti-calcium channel antibodies - serum

CALAC *

1 mL Serum ° FROZEN

15 days ° Radioimmunoassay

Cannot be performed on CSF

Calcitonin - aspiration biopsy — CALCD *

1 mL Aspiration biopsy ° FROZEN

2 days ° Chemiluminescence

Freeze within 4 hours, only one freezing possible.
ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Calcitonin - Serum — CALCI *

1 x 2 mL Non-hemolyzed serum (fasting) ° FROZEN

1 day ° Chemiluminescence

In case of protons pump treatment, we recommend to collect sample before intake, and in case of possible treatment stopping, please collect sample 2 weeks after treatment was stopped.
One specific aliquot is required for this analysis.
Only one freezing possible
Fasting sample in the morning
ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Gallstones/Saliva/Other - morphologic and infrared analysis — CALD

Biliary, salivary and other ° Ambient temperature

14 days ° Morphological analysis and infrared spectrophotometry (SPIR)

Attach the specific clinical information sheet (R54 : gallstones, salivary, other)
Send the entire calculus, previously washed and dried in a sterile container
containing no compound (no borate in particular)

Calprotectin faecal - Stool — CALHN *

20 g Stool specimen ° Refrigerated

2 days ° chimiluminescence (CLIA) de DIASORIN sur Liaison XL

Sample
Attach the specific clinical information form (R29-INTGB: Functional Coprology)

Use small white coprology jars

Calprotectin faecal - Stool — CALP *

20 g (Volume de selles équivalent à une pêche) Stool specimen ° Refrigerated

2 days ° chimiluminescence (CLIA) de DIASORIN sur Liaison XL

Sample
Attach the specific clinical information form (R29-INTGB: Functional Coprology)

Use small white coprology jars

Serum calprotectin - Serum — CALPS

1 mL Decanted serum (do not use tubes with separators) ° FROZEN

15 days ° Nephelometry

Centrifuge, decant and then freeze the sample within 2 hours of collection

Campylobacter - IgG serology - serum — CAMP

1 mL serum (do not use 10 mL tube) ° Refrigerated

8 days ° Enzyme-immunoassay

Candida - Mannane antigen - serum — CANAG

1 mL serum (do not use 10 mL tube) ° Refrigerated

15 days ° Enzyme-immunoassay

Cannabis — CANCH *

50 mg hair sample ° Ambient temperature

5 weeks ° Gas Phase Chromatography / Mass Spectrometry (GC-MS)

Hair: if possible, sample behind the apex of the head. Join the equivalent of a pen in diameter, with a thread, tie the lock of hair, cut as close to the scalp as possible. Finish tying the lock.
Please remember that the Eurofins Biomnis laboratory does not perform toxicological analysis for medico-legal purposes. Do not submit requests based on judicial requisition. Such analysis must be carried out by laboratories specialized in forensic expertise.

Candida albicans - screening serology - serum — CAND

1 mL serum (do not use 10 mL tube) ° Refrigerated

5 days ° Indirect enzyme immunology and haemagglutination

If equivocal or positive, the confirmation test is automatically performed.

Candida albicans - confirmation serology - serum — CANDC

1 mL serum (do not use 10 mL tube) ° Refrigerated

3 days ° Immuno-electrophoresis

Cannabinoïdes - dosage - plasma — CANS

2 mL Fluor plasma (do not use tubes with separating gel) ° Refrigerated

4 days ° LC-MS/MS

Spin down and immediately decant plasma from cells. Immediately decant the plasma.(maximum 1 hour)
Please remember that the Eurofins Biomnis laboratory does not perform toxicological analysis for medico-legal purposes. Do not submit requests based on judicial requisition. Such analysis must be carried out by laboratories specialized in forensic expertise.

Cannabinoïdes - dosage - urines — CANU

2 mL urines ° FROZEN

7 days ° LC-MS/MS

Please remember that the Eurofins Biomnis laboratory does not perform toxicological analysis for medico-legal purposes. Do not submit requests based on judicial requisition. Such analysis must be carried out by laboratories specialized in forensic expertise.

Anti-potassium channel antibodies / Lgi1 Caspr2 - serum — CAPO

500 µL serum (do not use 10 mL tube) ° Refrigerated

8 days ° Immunofluorescence

CAR - index - saliva — CAR *

[Indéfinie] 0,5 mL saliva T0 reawakening (sample in salivetta), 0,5 mL saliva T30 (sample in salivetta). ° FROZEN

2 weeks (if dilution/control needed - TAT 4 weeks ° ELISA

Samples are taken from a ¿saliva bottle¿, a sterile powder container (ECBU jar), a sputum jar or any other container (polypropylene tube, etc.) without additives or activators. The first is done on waking and the second after 30 minutes, without eating, sleeping or brushing your teeth (possible contamination by blood) but with your usual morning activity.

Carbamazepine - Serum — CARB *

1 mL Serum ° Refrigerated

1 day ° Enzyme-immunoassay

No gel tube
Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
Not to be confused with oxcarbazepine
Always take at the same time at the residual rate before a new dose

Anti-cardiolipin antibodies - IgG - Serum — CARD *

1 mL Serum ° Refrigerated

2 days ° EliA (Fluoro-Enzymoimmunologie)

Anti-cardiolipin antibodies - IgM - Serum — CARDM *

1 mL Serum ° Refrigerated

2 days ° EliA (Fluoro-Enzymoimmunologie)

Carnitine free and total - urines — CARNU *

[Indéfinie] 5 mL morning urine - micturition + 4 mL heparinised plasma (Gel-free separator tubes) ° FROZEN

1 month ° Tandem mass spectrometry (MS/MS)

Attach the specific clinical information form (R26-INTGB: Metabolic Biochemistry)
Freeze the sample within one hour. Home collection is not recommended.
Sample in a fasting state (for infants, draw sample 3-4 hours after bottle)
Plasma carnitin must be imperatively performed in parallel for the urine carnitnin level

Carnitine free and total - plasma — CARTL *

4 mL Heparin Plasma ° FROZEN

2 weeks ° Tandem mass spectrometry (MS/MS)

Attach the specific clinical information form (R26-INTGB: Metabolic Biochemistry)
Freeze the sample within one hour. Home collection is not recommended.
Sample in a fasting state (for infants, draw sample 3-4 hours after bottle)
One specific aliquot is required for this analysis.

Free catécholamines - children - Urine — CATEN

2 tube(s) Urine from one micturition - do not send a pot or conical tube ° FROZEN

4 days ° LCMS/MS

Code reserved for children < 18 years of age (see specific code for adults).
One specific aliquot is required for this analysis.
Freeze quickly after the end of the collection.
No need of specific diet anymore.
Transmitting a jar or conical tube significantly increases the turnaround time - pre-analytical non-conformity.

Free catécholamines — CATF

2 x 2 mL lithium heparin plasma (Gel-free separator tubes) ° FROZEN

5 days ° LCMS/MS

Fasting sample required
Freeze the sample within one hour. Home collection is not recommended.
2 specific aliquots for this analysis
blood draw preferentially after a 30-min resting period

Catecholamines - free - Urine — CATU

1 tube(s) Homogenised 24-hour urine - do not send a jar or conical tube ° FROZEN

4 days ° LCMS/MS

Code reserved for adults from 18 years old (see specific code for children).
One specific aliquot is required for this analysis.
Specify the diuresis (volume of urine of 24H).
Freeze quickly after the end of the collection.
Urines have to be stored refrigerated during the collection process
No need of specific diet anymore.
Do not perform sampling during menstruation period.
Transmitting a jar or conical tube significantly increases the turnaround time - pre-analytical non-conformity.

CBFBETA -MYH11 mutation inv(16) - EDTA whole blood — CBFBE *

5 mL EDTA whole blood ° Ambient temperature

30 days ° RT - PCR

CBG - Cortisol-Binding Globulin - Transcortin - serum — CBG *

1 mL Serum ° FROZEN

2 weeks ° Radioimmunoassay

C2 - complement fraction - serum — CC2

1 mL serum (do not use 10 mL tube) ° FROZEN

14 days ° Radial immunodiffusion

C3 - complement fraction - serum

CC3 *

1 x 1 mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

C4 - complement fraction - serum

CC4 *

1 x 1 mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

C5 - complement fraction - serum

CC5

1 mL serum (do not use 10 mL tube) ° FROZEN

14 days ° Radial immunodiffusion

C7 - complement fraction - serum

CC7 *

1 mL Serum ° FROZEN

1 month °

C9 - complement fraction - serum

CC9 *

1 mL Serum ° FROZEN

1 month ° Radial immunodiffusion

CCND1 status - EDTA whole blood

CCND1 *

5 x mL EDTA whole blood ° Ambient temperature

30 days ° PCR

Cadmium - Whole blood — CD

3 mL Whole blood (tubes without separating gel) Lithium heparin ° Refrigerated

15 days ° Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)

Use specific request form B107: Endocrine disruptors and environmental toxicology

Immunophenotyping: Lymphocytes CD3-CD4-CD8 - EDTA whole blood — CD48 *

3 mL EDTA whole blood ° Ambient temperature

1 day ° Flow Cytometry

The sample must reach us WITHOUT FAIL within 24 hrs of sampling.
Analytical stability : 96h
Always attach the lymphocyte count performed on the same day as sampling or fax to 01 49 59 17 98

Immunophenotyping: Lymphocytes NK/CD57 - EDTA whole blood — CD57 *

3 mL EDTA whole blood ° Ambient temperature

1 day ° Flow Cytometry

The sample must reach us WITHOUT FAIL within 24 hrs of sampling.
Analytical stability : 96h
Always attach the lymphocyte count performed on the same day as sampling.

CDG Syndrome - screening - serum — CDGX *

1 mL Serum ° FROZEN before sending

4 weeks ° HPLMC/isoelectric focusing

Cadmium - Whole blood — CDHN

3 mL Whole blood (tubes without separating gel) Lithium heparin ° Refrigerated

15 days ° Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)

Use specific request form B107: Endocrine disruptors and environmental toxicology

Carbohydrate-deficient transferrin - serum — CDT *

1 x 3 mL Non haemolysed serum ° Refrigerated

1 day ° Capillary Electrophoresis

Do not use plasma
In the event of known interference with the CDT electrophoretic assay, select the CDTC code (nephelometric control).

Carbohydrate-deficient transferrin - nephelimetry - serum

CDTC *

1 mL Serum ° Refrigerated

2 days ° Nephelometry

Do not use plasma

Cadmium - Urine

CDU

10 mL Urine sample ° Refrigerated

7 days ° Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)

Use specific request form B107: Endocrine disruptors and environmental toxicology

Cadmium - Urine

CDUHN

10 mL Urine sample ° Refrigerated

7 days ° Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)

Use specific request form B107: Endocrine disruptors and environmental toxicology

CEA - Carcinoembryonic antigen - serum

CEA *

1 mL Serum ° Refrigerated

1 day ° Electrochemiluminescence

ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

CEA - Carcinoembryonic antigen - aspiration biopsy

CEAD *

1 mL Aspiration biopsy ° Refrigerated

1 day ° Electrochemiluminescence

ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

LMMC - EDTA whole blood

CEBPA *

5 mL EDTA whole blood ° Ambient temperature

30 days ° PCR + sequencing

Cefazolin - Serum

CEFA *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

10 days ° UHPLC-ESI/MS

Enclose the specific clinical information form (R18-INTGB : Infectious agents)

Cefepime - Serum

CEFEP *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

1 week ° HPLC - High Performance Liquid Chromatography

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.
Specify:
- the reasons for the prescription (efficiency and/or toxicity test),
- the sampling time
- the treatment start date and/or the date of any change of dosage
- the dosage data (quantity administered, frequency, administration route),
- the subject's age, height and weight if possible.

Cefotaxime - Serum

CEFO *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

1 week ° HPLC - High Performance Liquid Chromatography

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.
Centrifuge the sample and settle the serum without delay.
Do not use tubes with phase separators
Specify:
- the reasons for the prescription (efficiency and/or toxicity test),
- the sampling time
- the treatment start date and/or the date of any change of dosage
- the dosage data (quantity administered, frequency, administration route),
- the subject's age, height and weight if possible.

Ceftazidime - Serum

CEFTA *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

1 week ° HPLC - High Performance Liquid Chromatography

Centrifuge the sample and decant rapidly
Specify the pathology, time of sample and time of administration: residual levels (just before administration)
One specific aliquot is required for this analysis.

Ceftriaxone - CSF

CEFTL *

1 mL CSF ° FROZEN

1 week ° HPLC - High Performance Liquid Chromatography

Specify the pathology, time of sample and time of administration: residual levels (just before administration)

Ceftriaxone - Serum

CEFTR *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

1 week ° HPLC - High Performance Liquid Chromatography

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
Centrifuge the sample and decant rapidly
Specify the pathology, time of sample and time of administration: residual levels (just before administration)
One specific aliquot is required for this analysis.

Celiprolol - serum

CELIP *

3 mL Serum ° FROZEN

3 weeks ° HPLC - High Performance Liquid Chromatography / UV detection

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.

Anti-parietal cell antibodies - stomach - serum

CELPA *

1 x 1 mL Serum ° Refrigerated

2 days ° Immunofluorescence

Ceruloplasmin - Serum

CER *

1 mL Serum ° Refrigerated

1 day ° Turbidimetry

ALWAYS specify the patient's age and gender

Cereulide toxin - stool

CERE

5 g Fresh stool specimen ° Refrigerated

7 days ° LCMS/MS

The use of the purple S14UK transport bag is MANDATORY

S14: Special mycobacteria transport bags are to be used

Certolizumab - serum

CERTO *

1 mL Serum ° FROZEN

30 days ° Enzyme-immunoassay

Always draw blood at the same time before another administration
Please attach the specific clinical information sheet (R46 : Anti-TNF)

Ketone bodies - Deproteinized heparin whole blood sample or CSF

CETO *

[Indéfinie] Deproteinized heparin whole blood sample or CSF ° FROZEN

2 weeks ° Chemistry - Spectrophotometry

Attach the specific clinical information form (R26-INTGB: Metabolic Biochemistry)
Freeze the sample within one hour. Home collection is not recommended.
Refer to the specific collection and storage protocol
For lactate and pyruvate assay in CSF samples: send the sample frozen within one hour.
If multiple defecations occur, do not pool the supernatants, otherwise the sample will be rejected due to abnormal volume.

CH50 - Total haemolytic complement

CH50 *

1 x 1 mL serum ° FROZEN

1 day ° Analytical immunology

Freeze the sample within one hour. Home collection is not recommended.

Marie Charcot Tooth Disease - EDTA whole blood

CHARC *

5 mL EDTA whole blood ° Ambient temperature

30 days ° PCR

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Enclose the specific B12-INTGB request form: Molecular Genetics

Chitotriosidase - activity

CHITO *

2 mL EDTA plasma ° FROZEN

1 month °

One specific aliquot is required for this analysis.

Chikungunya - direct diagnosis - PCR — CHKBM

1 mL EDTA plasma, serum ° Refrigerated

3 days ° Real-time PCR

Enclose the specific clinical information form (R28-INTGB : Dengue-Chikungunya-West Nile-Zika)
Sample to be collected up to 7 days after the clinical symptoms onset
The use of the purple S14UK transport bag is MANDATORY
.

S14: Special mycobacteria transport bags are to be used

Huntington desease - EDTA whole blood — CHOHU *

5 mL EDTA whole blood ° Refrigerated

30 days ° PCR

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Enclose the specific B12-INTGB request form: Molecular Genetics

DNA NGS Panel for cholangiocarcinoma — CHOLA

FFPE scrolls (6 scrolls of 10µm) or unstained slides (6 unstained 10µm slides), accompanied by an H&E slide with the tumor area circled strongly recommended when the tumor cellularity is <30% or an FFPE tumor block, or extracted DNA. ° Ambient temperature

14 days ° Detection of variants in a targeted gene panel using massively parallel sequencing (MPS).

For tumor tissue scrolls, a 1.5 mL Eppendorf tube (reference: Eppendorf tubes 3810X, 1.5 mL) is strongly recommended.
Use the specific request form B9-INTGB: Oncology-Solid tumors
The use of the S25UK transport bag is Mandatory.
Attach the anatomopathological report

S25 : Envelope Genetics and Molecular Oncology

Cholinesterase - Serum — CHOLI *

1 mL Serum ° Refrigerated

1 day ° Colorimetry

One specific aliquot is required for this analysis.
Plasma with sodium fluoride refused (inhibits cholinesterase)

Cholestanol - plasma — CHOST *

1 mL Lithium heparin plasma ° FROZEN

5 weeks °

Enclose the specific clinical information form (R1-INTGB : Amino Acids - Organic Acids)
One specific aliquot is required for this analysis.

Chlamydia pneumoniae - direct diagnosis - PCR — CHPBM

1 mL Nasopharyngeal swab (aspiration or swabbing), respiratory swab (aspiration, bronchial swab, BAL, etc.), pleural fluid, CSF (0.5 mL minimum) ° Refrigerated

3 days ° Real-time PCR

Use M4RT medium
The use of the purple S14UK transport bag is MANDATORY
Samples (other than swabs) must be sent as is, in a sterile container, without transport medium.
Other acceptable transport media: eSwab, Transwab and UTM. Alternatively, an Amies transport medium is acceptable.

S14: Special mycobacteria transport bags are to be used

Chlamydia pneumoniae - IgG/IgM serology - serum — CHPN

1 mL serum (do not use 10 mL tube) ° Refrigerated

4 days ° Enzyme-immunoassay

Chromogranin A - Serum — CHRA *

1 x 1 mL Serum ° FROZEN

2 days ° Enzyme-immunoassay

PPIs (proton pump inhibitors) should be stopped 2-3 weeks before the chromogranin A assay

Circulating immune complexes - CIC - serum — CIC

1 mL serum (do not use 10 mL tube) ° Refrigerated

8 days ° Enzyme-immunoassay

Cyclosporin — CICLO

1 mL Sang total EDTA ° Refrigerated

4 days ° LCMS/MS

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
ALWAYS specify "Residual or 2 hours after administration"
Do not use heparin
EDTA- or heparin-anticoagulated whole blood (tubes without a separating gel)

Ciprofloxacin - Serum

CIPRO *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

1 week ° HPLC - High Performance Liquid Chromatography

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
Centrifuge the sample and decant rapidly
One specific aliquot is required for this analysis.
Always specify the clinical context : efficiency or toxicity

Citric acid - serum

CIT *

1 mL Serum ° FROZEN

10 days ° Chemistry - Spectrophotometry

Citalopram - serum

CITA

2 mL Serum (do not use tubes with separator gel) ° FROZEN

7 days ° Liquid chromatography / Tandem mass spectrometry (LC-TMS/MS)

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.
Always draw blood at the same time before another administration
The following examinations can be performed on the same sample: Citalopram; Duloxetine; Fluoxetine; Fluvoxamaine; Mirtazapine; Paroxetine; Sertraline; Venlaflaxine.

Anti-cyclic citrullinated peptide antibodies - CCP2

CITRA *

1 x 1 mL serum ° Refrigerated

1 day ° Chemiluminescence

ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Citrulline

CITRP

1 mL heparinised plasma (do not use tubes with gel separators) ° FROZEN

1 week ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R1-INTGB : Amino Acids - Organic Acids)
Freeze the sample within one hour. Home collection is not recommended.
Sample in a fasting state (for infants, draw sample 3-4 hours after bottle)
One specific aliquot is required for this analysis.
Not to be confused with anti-citrullinated peptide antibodies

Citric acid - seminal plasma — CITSP

1 mL Seminal plasma on fluoridated tube ° FROZEN

15 days ° Chemistry - Spectrophotometry

Sample to be collected after 2 to 5 days of abstinence.
Always indicate the ejaculate volume, the pH, sperms count and abstinence period.
Centrifuge and freeze the supernatant immediately.

Citric acid - urine — CITU

1 tube(s) Sample of non-acidified 24-hour urine ° FROZEN

5 days ° Spectrophotometry

Shake the urine before aliquoting into a 5 mL haemolysis tube (do not overfill)
Store urine in a cool place during collection.
Specify diuresis
Excluding any urinary tract infection

CPK - Creatine phosphokinase total - serum — CK *

1 mL Non haemolysed serum ° Refrigerated

1 day ° Enzymatic activity

cKIT gene - exons 9, 11, 13, 17 — CKIT *

Paraffin-embedded tumor block or paraffin slides ° Ambient temperature

CPK - Creatine phosphokinase MB - serum — CKMB *

1 mL Serum ° Refrigerated

1 day ° CMIA

Avoid repeated freezing/thawing cycles
Not to to be performed on haemolysed sample

Constitutional karyotype - amniotic fluid - prenatal — CLA *

2 x 10 mL Amniotic fluid ° Ambient temperature

10 to 14 days (depending on cells growth) ° Conventional cytogenetics: Culture + chromosome analysis

For sample traceability purposes, we invite you to contact the International Division before sending samples
ALWAYS attach the medical prescription, the clinical patient's history and the consent form signed by both the patient and the prescribing clinical

S9P: Envelopes orange for karyotypes PARIS

Alpha-1 Antitrypsin - clearance — CLALF *

[Indéfinie] 24-hour stool sample + 1 ml serum (heparinised plasma accepted) ° Refrigerated

7 days ° Technique Immuno-enzymatique type sandwich ELISA

Complete 24-hours stool collection
Recueil des selles sur 24, 48 ou 72 heures + un seul sérum prélevé dans la période des 3 jours de recueil.
Si recueil sur 2 ou 3 jours, transmettre le tout en un seul envoi en précisisant la durée du recueil
L'échantillon sérique doit IMPERATIVEMENT accompagner le prélèvement de selles (en Fast-lab 3*, les deux échantillons doivent également être transmis dans le même sachet).
If no serum is included, the A1TRS:alpha 1 antitrypsin - stool analysis will be performed
Merci d'accrocher les prélèvements de selles et de sérum avec un élastique

T10 : Stool container 1l

Creatinine - clearance — CLCRE *

15 mL of 24h Urine sample + 1 ml Serum ° Refrigerated

1 day °

Specify diuresis

Water - free - clearance — CLEAU *

Urine + heparin plasma ° Refrigerated

2 days ° Cryoscopy

Fasting sample required
Specify diuresis
Specify the urine collection time

Clindamycin - Serum — CLIND *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

1 week ° Microbiological method

Enclose the specific clinical information form (R18-INTGB : Infectious agents)

Lipofuscinosis Neuronal Ceroide enzymatic deficiency - EDTA whole blood — CLNX *

2 x 5 mL EDTA whole blood ° Refrigerated

10 days °

Clobazam - Serum — CLOB *

3 mL Serum (do not use tubes with separator gel) ° FROZEN

2 weeks ° GCMS

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.
Always draw blood at the same time before another administration

Clostridium difficile - toxins-screening by PCR — CLOBM

soft stools ° Refrigerated

1 day ° Molecular biology

Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology
The use of the purple S14UK transport bag is MANDATORY

S14: Special mycobacteria transport bags are to be used

Clomipramine - Serum — CLOMI *

3 mL Serum (do not use tubes with separator gel) ° FROZEN

2 weeks ° GCMS

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.
Always draw blood at the same time before another administration

Clonazepam - Serum — CLON *

3 mL Serum (do not use tubes with separator gel) ° FROZEN

2 weeks ° LCMS

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.
Always draw blood at the same time before another administration

B-Cell clonality — CLONB *

1 EDTA whole blood or 1 EDTA bone marrow or biopsy ° Ambient temperature

1 month ° PCR

Attach:
- the results of the FBC - platelets
- the immunophenotyping report
Sample must be refrigerated if transport is > 48 hours
Use the specific request form B8-INTGB: Malignant blood disorders

T-cell clonality clonal rearrangement of T gamma (TCRG) — CLONT *

1 EDTA whole blood or 1 EDTA bone marrow or biopsy ° Ambient temperature

1 month ° PCR

Attach:
- the results of the FBC - platelets
- the immunophenotyping report
Sample must be refrigerated if transport is > 48 hours
Use the specific request form B8-INTGB: Malignant blood disorders
Attach the anatomopathological report

Clorazepate - Serum — CLORA *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

10 days ° HPLC - High Performance Liquid Chromatography / DAD

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.

Cloxacillin - Serum — CLOXA *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

1 week ° UHPLC-ESI/MS

Centrifuge the sample and decant rapidly
Enclose the specific clinical information form (R18-INTGB : Infectious agents)

Clozapine — CLOZA

1 mL lithium heparin plasma (do not use tubes with separator gel) ° Refrigerated

1 week ° Liquid chromatography / Tandem mass spectrometry (LC-TMS/MS)

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.
Always draw blood at the same time before another administration
The following tests can be performed on the same sample: Aripiprazole; Clozapine; Haloperidol; Olanzapine; Quetiapine; Risperidone.

Aerobic / anaerobic bacteria - MIC: Minimum Inhibitory Concentration — CMI *

Strain freshly transplanted onto petri dishes or agar tubes, pure, in a suitable atmosphere ° Ambient temperature

3 to 5 days (variable depending on the species) ° E test, bulk liquid medium

Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology
Do not send us strains of Neisseria meningitidis , Brucella sp, Burkholderia psneudomalei/maleii, Francisella tularnesis, Bacillus antracis and Yersinia pestis.
.
Storage: room temperature, delivery: refrigerated

S10: Diagnobox (three layers of sealed packaging)

Fungus - Yeasts - MIC: Minimum Inhibitory Concentration — CMIMY *

Freshly subcultured pure strain (subculture <48 hours before dispatch) ° Ambient temperature

Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology
Delivery time: Room temperature (between 15 and 25°C) < 5 days
Storage: room temperature, delivery: refrigerated

S10: Diagnobox (three layers of sealed packaging)

Cytomegalovirus - CMV - - IgG/IgM serology - serum — CMV *

1 mL Serum ° Refrigerated

2 days ° ECLIA

Storage temperature (2-8°C) < 7 days during transport of specimen.

Cytomegalovirus - CMV - IgG avidity test - serum — CMVAV *

1 mL Serum ° Refrigerated

2 days ° ECLIA

Storage temperature (2-8°C) < 7 days during transport of specimen.
On specific request
ALWAYS attach serological results
Attach the clinical data

Cytomegalovirus - CMV - - direct diagnosis - PCR — CMVBM

[Indéfinie] Whole blood or plasma (EDTA), serum, urine only in infants < 3 weeks: Quantitative result
Bronchial aspirations, BAL, aqueous humor, biopsies (including digestive, pulmonary, cerebral), puncture fluid (pleural or pericardial), bone marrow (EDTA), CSF, saliva only in infants < 3 weeks: Qualitative result ° Refrigerated

3 days ° Real-time PCR

.
Use M4RT medium
The use of the purple S14UK transport bag is MANDATORY
Samples (other than swabs) must be sent as is, in a sterile container, without transport medium.
Other acceptable transport media: eSwab, Transwab and UTM. Alternatively, an Amies transport medium is acceptable.

S14: Special mycobacteria transport bags are to be used

Cytomegalovirus - CMV - - IgG serology - serum — CMVG *

1 mL Serum ° Refrigerated

2 days ° ECLIA

Storage temperature (2-8°C) < 7 days during transport of specimen.
On specific request

Cytomegalovirus - CMV - - direct diagnosis - PCR - amniotic fluid — CMVLA

8 mL amniotic fluid ° Refrigerated

4 days ° Real-time PCR

Attach the patient's informed consent (D44 consent_Post-Prenatal)
The use of the purple S14UK transport bag is MANDATORY
Use the specific form B3-INTGB: Cytogenetic

Connexin 26 and 30 - Gene GJB2 and GJB6 - whole blood — CNX26 *

5 mL EDTA whole blood (only) ° Refrigerated

3 months ° Sequencing

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Enclose the specific B12-INTGB request form: Molecular Genetics

Cocaine - dosage - plasma — COCS

2 mL Fluor plasma (do not use tubes with separating gel) ° Refrigerated

7 days ° LC-MS/MS

Spin down and immediately decant plasma from cells. Immediately decant the plasma.(maximum 1 hour)
Please remember that the Eurofins Biomnis laboratory does not perform toxicological analysis for medico-legal purposes. Do not submit requests based on judicial requisition. Such analysis must be carried out by laboratories specialized in forensic expertise.

Cocaine - dosage - urines — COCU

2 mL urines ° Refrigerated

8 days ° LC-MS/MS

Please remember that the Eurofins Biomnis laboratory does not perform toxicological analysis for medico-legal purposes. Do not submit requests based on judicial requisition. Such analysis must be carried out by laboratories specialized in forensic expertise.

Anti-type II collagen antibodies - serum — COLB2 *

1 mL Serum ° Refrigerated

5 weeks ° Enzyme-immunoassay

Colistin - Serum — COLIS *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

1 week ° Mass spectrometry (MS)

Enclose the specific clinical information form (R18-INTGB : Infectious agents)

DNA NGS Panel solid tumor Colon — COLO1

FFPE scrolls (6 scrolls of 10µm) or unstained slides (6 unstained 10µm slides), accompanied by an H&E slide with the tumor area circled strongly recommended when the tumor cellularity is <30% or an FFPE tumor block, or extracted DNA. ° Ambient temperature

14 days ° Detection of variants in a targeted gene panel using massively parallel sequencing (MPS).

For tumor tissue scrolls, a 1.5 mL Eppendorf tube (reference: Eppendorf tubes 3810X, 1.5 mL) is strongly recommended.
Use the specific request form B9-INTGB: Oncology-Solid tumors
The use of the S25UK transport bag is Mandatory.
Attach the anatomopathological report

S25 : Envelope Genetics and Molecular Oncology

DNA NGS Panel solid tumor colo-rectal extended : 22 genes — COLO2

FFPE scrolls (6 scrolls of 10µm) or unstained slides (6 unstained 10µm slides), accompanied by an H&E slide with the tumor area circled strongly recommended when the tumor cellularity is <30% or an FFPE tumor block, or extracted DNA. ° Ambient temperature

14 days ° Detection of variants in a targeted gene panel using massively parallel sequencing (MPS).

For tumor tissue scrolls, a 1.5 mL Eppendorf tube (reference: Eppendorf tubes 3810X, 1.5 mL) is strongly recommended.
Use the specific request form B9-INTGB: Oncology-Solid tumors
The use of the S25UK transport bag is Mandatory.
Attach the anatomopathological report

S25 : Envelope Genetics and Molecular Oncology

11-Desoxycortisol - Compound S - — COMP2

500 µL Serum (Tubes without separating gel) ° Refrigerated

1 week ° LC-MS/MS

11-Desoxycortisol - Compound S - — COMP3

500 µL Serum (Tubes without separating gel) ° Refrigerated

1 week ° LC-MS/MS

11-Desoxycortisol - Compound S - - (Tubes without separating gel) — COMPS

500 µL (Tubes without separating gel) ° Refrigerated

1 week ° LC-MS/MS

CIRCADIAN RHYTHM: This biological molecule has a circadian rhythm (maximum concentration in morning), with a sufficiently significant amplitude to have an important influence on the clinical interpretation

Erythrocyte direct Coombs — COOMD *

1 mL Total blood EDTA ° Refrigerated

1 day ° Direct antiglobulin test using the hemagglutination gel filtration technique

Specificities to be screened for: anti-IgG and anti-C3d

Whooping cough - Bordetella pertussis and parapertussis - direct diagnosis - PCR — COQBM

[Indéfinie] Endonasal or nasopharyngeal swab, nasopharyngeal aspiration, bronchial aspiration ° Refrigerated

2 days ° Real-time PCR

.
Use M4RT medium
The test is not relevant if cough is persisting for more than 3 weeks
The use of the purple S14UK transport bag is MANDATORY
Samples (other than swabs) must be sent as is, in a sterile container, without transport medium.
Other acceptable transport media: eSwab, Transwab and UTM. Alternatively, an Amies transport medium is acceptable.

S14: Special mycobacteria transport bags are to be used

Pertussis - serology — COQWB

1 mL serum or plasma (heparin or EDTA) ° Refrigerated

8 days ° Enzyme-immunoassay

Cortisol - Compound F - serum — COR *

1 mL Serum ° Refrigerated

1 day ° chimiluminescence (CMIA)

Collect the sample in the morning between 7 and 10 am, or according to the instructions from the prescribing party
CIRCADIAN RHYTHM: This biological molecule has a circadian rhythm (maximum concentration in morning), with a sufficiently significant amplitude to have an important influence on the clinical interpretation
ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Cortisol - Compound F — COR2 *

[Indéfinie] 1 mL serum T0
1 mL serum T1 ° Refrigerated

1 day ° chimiluminescence (CMIA)

Collect the sample in the morning between 7 and 10 am, or according to the instructions from the prescribing party
CIRCADIAN RHYTHM: This biological molecule has a circadian rhythm (maximum concentration in morning), with a sufficiently significant amplitude to have an important influence on the clinical interpretation
ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Cortisol - Compound F

COR3 *

[Indéfinie] 1 mL serum T0
1 mL serum T1
1 mL serum T2 ° Refrigerated

1 day ° chimiluminescence (CMIA)

Collect the sample in the morning between 7 and 10 am, or according to the instructions from the prescribing party
CIRCADIAN RHYTHM: This biological molecule has a circadian rhythm (maximum concentration in morning), with a sufficiently significant amplitude to have an important influence on the clinical interpretation
ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Cortisol - Compound F

COR4 *

[Indéfinie] 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3 ° Refrigerated

1 day ° chimiluminescence (CMIA)

Collect the sample in the morning between 7 and 10 am, or according to the instructions from the prescribing party
CIRCADIAN RHYTHM: This biological molecule has a circadian rhythm (maximum concentration in morning), with a sufficiently significant amplitude to have an important influence on the clinical interpretation
ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Cortisol - Compound F

COR5 *

1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4 ° Refrigerated

1 day ° chimiluminescence (CMIA)

Collect the sample in the morning between 7 and 10 am, or according to the instructions from the prescribing party
CIRCADIAN RHYTHM: This biological molecule has a circadian rhythm (maximum concentration in morning), with a sufficiently significant amplitude to have an important influence on the clinical interpretation
ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Cortisol - Compound F

COR6 *

1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 mL serum T5 ° Refrigerated

1 day ° chimiluminescence (CMIA)

Collect the sample in the morning between 7 and 10 am, or according to the instructions from the prescribing party
CIRCADIAN RHYTHM: This biological molecule has a circadian rhythm (maximum concentration in morning), with a sufficiently significant amplitude to have an important influence on the clinical interpretation
ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Cortisol - Compound F - Saliva

CORA2 *

5 mL 5 mL saliva T0
5 mL saliva T1 ° FROZEN

2 weeks (if dilution/control needed - TAT 4 weeks ° ELISA

Cortisol - Compound F - Saliva

CORA3 *

5 mL 5 mL saliva T0
5 mL saliva T1
5 mL saliva T2 ° FROZEN

2 weeks (if dilution/control needed - TAT 4 weeks ° ELISA

Cortisol - Compound F - Saliva

CORA4 *

5 mL 5 mL salive T0
5 mL saliva T1
5 mL saliva T2
5 mL saliva T3 ° FROZEN

2 weeks (if dilution/control needed - TAT 4 weeks ° ELISA

Cortisol - Compound F - evening - Serum

CORS *

1 mL Serum ° Refrigerated

1 day ° chimiluminescence (CMIA)

CIRCADIAN RHYTHM: This biological molecule has a circadian rhythm (maximum concentration in morning), with a sufficiently significant amplitude to have an important influence on the clinical interpretation
ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Cortisol - Compound F - saliva

CORSA *

1 x 0.5 mL Salivette® saliva sample ° FROZEN

2 weeks (if dilution/control needed - TAT 4 weeks ° ELISA

Other acceptable media: Saliva in a sterile powder container (ECBU pot), sputum pot or any other container (polypropylene tube, etc.) without additives.
SPECIAL OR DELICATE SAMPLE: the kit used to collect and transport the saliva sample is called a "Salivette". It is available upon request. Before sampling, the patient must observe a time of at least 30 minutes without consuming food or acidic beverages. It is very important not to contaminate the saliva sample with blood, therefore, it is necessary to avoid brushing teeth before collection. The collection protocol is described in the package insert accompanying the sampling kit.
CIRCADIAN RHYTHM: This biological molecule has a circadian rhythm (maximum concentration in morning), with a sufficiently significant amplitude to have an important influence on the clinical interpretation

Cortisol - Compound F - morning - saliva

CORSM *

1 x 0.5 mL Salivette® saliva sample ° FROZEN

2 weeks ° ELISA

Other acceptable media: Saliva in a sterile powder container (ECBU pot), sputum pot or any other container (polypropylene tube, etc.) without additives.
SPECIAL OR DELICATE SAMPLE: the kit used to collect and transport the saliva sample is called a "Salivette". It is available upon request. Before sampling, the patient must observe a time of at least 30 minutes without consuming food or acidic beverages. It is very important not to contaminate the saliva sample with blood, therefore, it is necessary to avoid brushing teeth before collection. The collection protocol is described in the package insert accompanying the sampling kit.
CIRCADIAN RHYTHM: This biological molecule has a circadian rhythm (maximum concentration in morning), with a sufficiently significant amplitude to have an important influence on the clinical interpretation

Cortisol - Compound F - evening - saliva

CORSS *

1 x 0.5 mL Salivette® saliva sample ° FROZEN

2 weeks ° ELISA

Other acceptable media: Saliva in a sterile powder container (ECBU pot), sputum pot or any other container (polypropylene tube, etc.) without additives.
SPECIAL OR DELICATE SAMPLE: the kit used to collect and transport the saliva sample is called a "Salivette". It is available upon request. Before sampling, the patient must observe a time of at least 30 minutes without consuming food or acidic beverages. It is very important not to contaminate the saliva sample with blood, therefore, it is necessary to avoid brushing teeth before collection. The collection protocol is described in the package insert accompanying the sampling kit.
CIRCADIAN RHYTHM: This biological molecule has a circadian rhythm (maximum concentration in morning), with a sufficiently significant amplitude to have an important influence on the clinical interpretation

Cortisone - Compound E - plasma

CORTI *

2 mL Heparin Plasma ° Refrigerated

15 days ° HPLC - High Performance Liquid Chromatography

Cortisone - Compound E - urines

CORTU *

1 tube(s) 24hr Urine collection ° Refrigerated

15 days ° HPLC - High Performance Liquid Chromatography

Specify diuresis
ATTENTION do not confuse with cortisol (urine): analysis FLU

Corticosterone - Compound B

COS

500 µL Serum (Tubes without separating gel) ° Refrigerated

1 week ° LC-MS/MS

CIRCADIAN RHYTHM: This biological molecule has a circadian rhythm (maximum concentration in morning), with a sufficiently significant amplitude to have an important influence on the clinical interpretation

Iron - saturation percentage - serum

COSAT *

1 mL Serum ° Refrigerated

1 day ° Turbidimetry and Spectrometry

Serum taken during fasting
This test includes: iron and total binding capacity

Cobalt - Whole blood — COST

3 mL Whole blood (tubes without separating gel) Lithium heparin ° Refrigerated

15 days ° Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)

Sample at end of work shift and at end of working week

Cotinine - Urine (urination) — COTI *

1 tube(s) Urine (urination) ° Refrigerated

1 day ° Immunoenzymology

Cobalt - Urine — COU

10 mL Urine sample ° Refrigerated

15 days ° Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)

Sample at end of work shift and at end of working week

COVID 19 / Influenza virus A and B - panel - direct diagnosis - PCR — COVGR

1 mL Nasopharyngeal swab ° Refrigerated

2 days ° RT - PCR in real time

Use M4RT medium
The use of the purple S14UK transport bag is MANDATORY
.
Other acceptable transport media: eSwab, Transwab and UTM. Alternatively, an Amies transport medium is acceptable.

S14: Special mycobacteria transport bags are to be used

Coxiella burnetii (Q fever) - IgG and IgM serology, Phases I and II - serum — COX12

1 x 1 mL serum (do not use 10 mL tube) ° Refrigerated

3 days ° Immunofluorescence

On specific request

Enterovirus - direct diagnosis - PCR — COXBM

[Indéfinie] 1 ml CSF, nasopharynx/throat, respiratory swabs, mucocutaneous swab, eye swab, stool, serum, plasma. ° Refrigerated

1 day ° Real-time PCR

Use M4RT medium
The use of the purple S14UK transport bag is MANDATORY
Samples (other than swabs) must be sent as is, in a sterile container, without transport medium.
Other acceptable transport media: eSwab, Transwab and UTM. Alternatively, an Amies transport medium is acceptable.

S14: Special mycobacteria transport bags are to be used

Coxiella burnetii (Q fever) - Screening serology Total Ac Phase II - serum — COXBU

1 mL serum (do not use 10 mL tube) ° Refrigerated

3 days ° Immunofluorescence

Phase I and II titration and serology are triggered if the phase II serology is positive.

Enterovirus - direct diagnosis - PCR - amniotic fluid — COXLA

8 mL amniotic fluid ° Refrigerated

4 days ° Real-time PCR

Attach the patient's informed consent (D44 consent_Post-Prenatal)
The use of the purple S14UK transport bag is MANDATORY
Use the specific form B3-INTGB: Cytogenetic

Specific IgE : Phadia - inhalant allergens - single allergen — CP

1 mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay

Specify the allergens

C-peptide - serum — CPEP *

1 x 1 mL Non-hemolysed serum ° FROZEN

1 day ° EIA

Fasting sample required

C-peptide - Urines — CPEPU *

1 tube(s) Non acidified 24 Hhs urine collection ° FROZEN

1 day ° EIA

Specify diuresis

Specific IgE inhalant allergens - single allergen - GSD Gold Standard Diagnostic - serum, plasma — CPH

1 mL serum, plasma ° FROZEN

7 days ° Enzyme-immunoassay

Specify the allergens

o-Cresol - urine — CRESO *

10 mL urine sample ° Refrigerated

25 days ° Gas Phase Chromatography / Mass Spectrometry (GC-MS)

Collect the sample on a plastic container
Sample at end of work shift

Creatorrhoea - faecal nitrogen dosage - Stool — CRETO *

[Indéfinie] Stool specimen ° Refrigerated

2 days ° Infrared SpectroPhotometry (NIRS)

Complete 24-hours stool collection
Attach the specific clinical information form (R29-INTGB: Functional Coprology)
Collection of 24-, 48- or 72-hour stool samples.
Use one stool container per 24-hour collection period. For 48- or 72-hour collections, group all containers in a single bag with a single request form. The samples will be pooled and processed as a single examination.
An increase in nitrogen excretion may be observed associated with enteropathies and infectious diarrhoea due to the presence of mucus, red blood cells or leukocytes in the stool.

T10 : Stool container 1l

CrossLaps - Serum — CROSS *

1 x 1 mL Serum ° FROZEN

1 day ° Electrochemiluminescence

Serum not hemolysed
To be sample on morning, facting sample, always at the same time
ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

CrossLaps - urines — CROSU

2 tube(s) 1st or 2nd Early morning urine ° FROZEN

2 weeks ° Enzyme-immunoassay

Avoid urine containers and preferentially use hemolysis tubes
Fasting sample required
The urinary creatinine will be tested systematically on the same sample (SFBC recommendations). The sampling method chosen must be retained in repeat prescriptions

CRP - C-reactive protein - serum — CRP *

1 mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

CRP - C-reactive protein - ultrasensitive - serum — CRPUS *

1 mL Serum ° Refrigerated

2 days ° Turbidimetry

Chromium — CRST

5 mL Sang total Héparinate de sodium (proscrire les tubes avec gel séparateur R005) ° Refrigerated

2 weeks ° ICP/MS

Use specific request form B107: Endocrine disruptors and environmental toxicology

Chromium - Urine — CRU

2 mL Urine sample ° Refrigerated

15 days ° ICP/MS

Sample at end of work shift and at end of working week
Use specific request form B107: Endocrine disruptors and environmental toxicology

Creatinine With 24 hours urine volume - urine — CRU24 *

1 tube(s) 24hr Urine collection ° Refrigerated

1 day ° Chemistry - Spectrophotometry

Cryofibrinogen - screening

CRYFB *

2 mL Citrated plasma (specific tube without separator gel) ° Refrigerated

8 days ° Cryoprecipitation and if presence of a cryoprecipitate, identification using an anti-fibrinogen immune serum

Sample taken with material at 37°C (needle, tube, etc.)
Decantation after centrifugation ideally at 37ºC (prohibit use of cooled centrifugation) at 3500 rpm for 15 minutes.

Cryoglobulins - identification - serum

CRYOI *

4 mL Serum (no tube with separator) ° Refrigerated

2 days ° Immunofixation

Fasting sample required
One specific aliquot is required for this analysis.
Sampling in kit at +37°C. Coagulation and settling for 2 hours at +37°C, and decanting after centrifugation (15 mins at 2100g at +37°C).A sufficient volume of serum is essential to obtain a clear cryoprecipitate

Cryoglobulins - screening - serum

CRYOR *

4 mL Serum (no tube with separator) ° Refrigerated

10 days ° Cryoprecipitation

Fasting sample required
One specific aliquot is required for this analysis.
Send one separate and duly identified sample for this one test
Sampling in kit at +37°C. Coagulation and settling for 2 hours at +37°C, and decanting after centrifugation (15 mins at 2100g at +37°C).A sufficient volume of serum is essential to obtain a clear cryoprecipitate
The serum can be stored at +4°c for at least 3 days before shipment.
Identification performed automatically if the screening is positive.

Cryptococcus neoformans - soluble antigen - testing

CRYPD *

[Indéfinie] Serum (4 mL, dry tube) or CSF (1 mL, sterile, sealed tube) ° Refrigerated

3 days ° CSF and serum: Agglutination of sensitised latex beads

Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology
The use of the purple S14UK transport bag is MANDATORY
Conditions for sending to the laboratory: Room temperature (between 15 and 25°C) < 24 hours, above between 2 and 8°C < 72 hours
LCR and serum: in the event of a positive result, a titration will be performed.

S14: Special mycobacteria transport bags are to be used

Cryptosporidia - screening — CRYPS *

Fresh stool in a sterile, needle-free vial (volume equivalent to a walnut) ° Refrigerated

1 week ° Microspcopy exam after modified Ziehl-Neelsen staining

Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology
The use of the purple S14UK transport bag is MANDATORY
Condition de conservation et d'envoi au laboratoire : Température ambiante (entre 15 et 25°C) < 24 heures, au-delà entre 2 et 8°C < 7 jours

S14: Special mycobacteria transport bags are to be used

Constitutional karyotype - whole blood - postnatal — CSG *

5 mL ((2 mL nouveau né)) Heparin whole blood ° Ambient temperature

2 weeks (5 days for urgent samples) ° Conventional cytogenetics: Culture + chromosome analysis

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Use the specific form B13 : Cytogenetic
.
Stability 7 days at room temperature

Soluble complexes - plasma — CSOLU *

1 mL Citrated Plasma ° FROZEN

1 day ° Haemagglutination

It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Specific IgE : Phadia - food allergens - single allergen — CT

1 mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay

Specify the allergens

Specific IgE food allergens - single allergen - GSD Gold Standard Diagnostic - serum, plasma — CTH

1 mL serum, plasma ° FROZEN

7 days ° Enzyme-immunoassay

Specify the allergens

Iron - total binding capacity - serum

CTST *

1 mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

Serum taken during fasting

Copper

CU

2 mL Sodium heparin plasma ((do not use tubes with separator gel) ° Refrigerated

4 days ° ICP/MS

Spin down and immediately decant plasma from cells. Immediately decant the plasma.(maximum 1 hour) Hemolysed sample refused

T4 : Sodium Heparin tube

Copper - exchangeable / free

CUEC *

2 x 5 mL Serum ° FROZEN

3 weeks ° ICP/MS

2 tubes of serum for exchangeable copper + total - Do not tube with gel

Retinoblastoma oncogenetic panel Target gene: RB1

CUR10 *

Two 5 mL tubes of whole blood collected in EDTA, corresponding to two independent samples (P1 and P2) collected at different time points. The tubes must be clearly labeled (P1 and P2) and include the collection times. ° Ambient temperature

3 months °

This analysis applies only to tests prescribed by an oncogeneticist. Prescriptions from other practitioners cannot be accepted.
Special case: when a specific mutation is already known in the patient¿s family, targeted testing for this mutation may be performed, and the prescription may be issued by any physician. In this case, the patient¿s sample must be sent to the laboratory that previously identified the familial mutation.
Please use request form B67.

Cushing syndrome panel - Cushing syndrome screening

CUSH *

1 mL refrigerated serum
1 mL frozen plasma
5 mL Salivette® saliva sample
4 mL Non acidified 24hrs urine collection °

2 weeks ° Electrochimiluminescence Immunoassay (ECLIA) and radioimmunassay

Collect the sample in the morning between 7 and 10 am, or according to the instructions from the prescribing party
Not to to be performed on haemolysed sample
Sampling and transportation conditions:
- sampling on EDTA tube: sample on a cooled tube at 4°C, centrifuge at +4°C immediately and FREEZE the plasma immediately
OR
- sampling on special tube (EDTA + Aprotinin) supplied upon request: centrifuge at +4°C and FREEZE the plasma
Specify diuresis
SPECIAL OR DELICATE SAMPLE: the kit used to collect and transport the saliva sample is called a "Salivette". It is available upon request. Before sampling, the patient must observe a time of at least 30 minutes without consuming food or acidic beverages. It is very important not to contaminate the saliva sample with blood, therefore, it is necessary to avoid brushing teeth before collection. The collection protocol is described in the package insert accompanying the sampling kit.
CIRCADIAN RHYTHM: This biological molecule has a circadian rhythm (maximum concentration in morning), with a sufficiently significant amplitude to have an important influence on the clinical interpretation
ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Copper - urine

CUU

1 tube(s) 24hr Urine collection ° Refrigerated

1 week ° Atomic absorption or inductively coupled plasma-mass spectrometry

Urinary copper and lead were measured simultaneously.
Specify diuresis

Thiocyanates - ion - urine

CYAN *

1 tube(s) urine sample ° Refrigerated

2 weeks ° Spectrophotometry

Collect prior to new drug intake, always indicate the clinical context

Thiocyanates - ion - Serum

CYANP *

2 mL Serum (do not use tubes with separator gel) ° Refrigerated

2 weeks ° Spectrophotometry

Collect prior to new drug intake, always indicate the clinical context

Cyfra 21-1 antigen - serum

CYF *

1 mL Serum ° Refrigerated

1 day ° Electrochemiluminescence

ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Cyfra 21-1 antigen - aspiration biopsy

CYFD *

1 mL Aspiration biopsy ° Refrigerated

1 day ° Electrochemiluminescence

ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Congenital adrenal hyperplasia - EDTA whole blood

CYP2X *

5 mL EDTA whole blood ° Ambient temperature

30 days °

Enclose the specific B12-INTGB request form: Molecular Genetics

Cystatin C - serum

CYS *

1 mL Serum ° Refrigerated

2 days ° Nephelometry

Cycloserine - Serum

CYSER *

1 mL Serum (do not use tubes with separator gel) ° FROZEN

1 week ° Microbiological method

Enclose the specific clinical information form (R18-INTGB : Infectious agents)

Cystine - urine — CYSTU

2 x 3 mL Early morning urine (fasting) ° FROZEN

1 week ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R1-INTGB : Amino Acids - Organic Acids)
Fasting sample required
Freeze the sample within one hour. Home collection is not recommended.
The urine creatinine level, essential information for the result interpretation, is systematically performed

Tube for urine sample (4mL)-T28

Anti-liver cytosol type 1 antibodies - LC1 - confirmation - serum — CYTOC *

1 mL Serum ° Refrigerated

3 days ° Immunodot

Anti-liver cytosol type 1 antibodies - LC1 - screening - serum — CYTOX *

1 mL Serum ° Refrigerated

2 days ° Immunofluorescence

In the case of a positive screening test, perform typing

D4A - Delta-4-Androstenedione - serum — D4 *

1 mL Serum ° Refrigerated

2 days ° Radioimmunoassay

D4A - Delta-4-Androstenedione — D42 *

1 mL 1 mL serum T0
1 mL serum T1 ° Refrigerated

2 days ° Radioimmunoassay

D4A - Delta-4-Androstenedione D43 *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2 ° Refrigerated

2 days ° Radioimmunoassay

D4A - Delta-4-Androstenedione D44 *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3 ° Refrigerated

2 days ° Radioimmunoassay

RT PCR/DNA PCR specific for Microdeletion 4q12 - EDTA whole blood D4Q12 *

5 mL EDTA whole blood ° Ambient temperature

30 days ° PCR

Dabigatran - Measurement of the Dabigatran anti Iia activity - plasma DABI *

1 mL Citrated Plasma ° FROZEN

1 day ° Chronometric method

Freeze the sample within one hour. Home collection is not recommended.
Specify the Pradaxa daily dose, the drug intake and sample time
The sampling has to be made at residual time (just before drug intake) or during the activity peak (2 hours after drug intake). In case of overdose and treatment by antidote (PRAXBIND), the dabigatran level could be performed to level the circulating residual concentration. The balance state is obtained after 3 day of treatment
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Analyse de Médecine du Travail DAIKIN - PFAS - Serum — DAIKP

2 mL Serum (do not use tubes with separator gel) ° Refrigerated

3 weeks ° LCMS/MS

One specific aliquot is required for this analysis.
PFAS are very persistent compounds, exposure over the few days before sampling will not have a significant effect on the result. However, precautions should be taken at the time of collection to avoid contaminating the sample:
Patient: no cream, lotion or sunscreen on the day of the blood test
Sampler: wearing gloves MANDATORY, avoiding latex
Use specific request form B107: Endocrine disruptors and environmental toxicology

Diamine oxydase (DAO) - activity - serum — DAO

1 mL Non haemolysed serum ° FROZEN

15 days ° Enzyme-immunoassay

Darunavir - Serum — DARU *

3 mL Serum (do not use tubes with separator gel) ° FROZEN

3 weeks ° LCMS

Enclose the specific clinical information form (R6-INTGB : Anti-retroviral medicines)
Recommended residual rate, once steady state is reached.

D-Dimers - plasma — DDI *

1 mL Citrated Plasma ° FROZEN

1 day ° Immuno turbidimetry

One specific aliquot is required for this analysis.
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Hepatitis Delta (VHD) ¿ Serological screening for total antibodies - serum — DELAC

1 mL serum (do not use 10 mL tube) ° Refrigerated

5 days ° Enzyme-immunoassay

Hepatitis Delta virus (HDV) infection screening is recommended in HBsAg-positive patients (HBV-HDV coinfection), Grade A recommendation according to the 2023 French National Authority for Health (HAS) guidelines.

Hepatitis Delta - antigen - serum — DELAG

1 mL serum (do not use 10 mL tube) ° Refrigerated

8 days ° Enzyme-immunoassay

Hepatitis Delta - IgM antibody - serum — DELAM

1 mL serum (do not use 10 mL tube) ° Refrigerated

8 days ° Enzyme-immunoassay

Hepatitis Delta - Viral load - PCR — DELBM

1 mL EDTA serum or plasma ° FROZEN

4 days ° Real-time PCR

Heparinised tubes cannot be used (PCR inhibiting effects)
.

Y chromosome - (regions AZFs, AZFb, AZFc) — DELY

5 mL Whole blood EDTA, avoid tubes containing beads. ° Ambient temperature

9 days ° Multiplex PCR

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Sample must be refrigerated if transport is > 48 hours
Enclose the specific B12-INTGB request form: Molecular Genetics

Dengue fever - NS1 antigen - serum — DENAG

1 mL Serum (no 10 mL tube) ° Refrigerated

3 days ° Chemiluminescence

Enclose the specific clinical information form (R28-INTGB : Dengue-Chikungunya-West Nile-Zika)
Not to be confused with Dengue fever serology
Dengue early diagnosis, between the 1st to the 5th days after clinical symptoms onset
no 10 mL tube
The use of the purple S14UK transport bag is MANDATORY

S14: Special mycobacteria transport bags are to be used

Dengue fever - direct diagnosis - PCR — DENBM

1 EDTA plasma, serum ° Refrigerated

3 days ° Real-time PCR

Enclose the specific clinical information form (R28-INTGB : Dengue-Chikungunya-West Nile-Zika)
The use of the purple S14UK transport bag is MANDATORY
.

Dengue fever - IgG/IgM serology - serum — DENG

1 mL serum (do not use 10 mL tube) ° Refrigerated

3 days ° Enzyme-immunoassay

Enclose the specific clinical information form (R28-INTGB : Dengue-Chikungunya-West Nile-Zika)
Only to be performed in the immune phase, i.e., from Day 5 after the onset of clinical signs
.

Dengue fever - direct diagnosis - PCR - amniotic fluid — DENLA

8 mL amniotic fluid ° Refrigerated

4 days ° Real-time PCR

Attach the patient's informed consent (D44 consent_Post-Prenatal)
The use of the purple S14UK transport bag is MANDATORY
Use the specific form B3-INTGB: Cytogenetic

Density - urine — DENSU *

1 tube(s) Sample urine ° Refrigerated

2 days ° Automated colorimétrique band reading (Siemens)

One specific aliquot is required for this analysis.

DHT - Dihydrotestosterone — DH2T *

3 mL 1 mL serum T0
1 mL serum T1 ° Refrigerated

6 days ° Chromatography - Extraction - Radioimmunoassay

CIRCADIAN RHYTHM: This biological molecule has a circadian rhythm (maximum concentration in morning), with a sufficiently significant amplitude to have an important influence on the clinical interpretation

DHT - Dihydrotestosterone

DH3T *

3 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2 ° Refrigerated

6 days ° Chromatography - Extraction - Radioimmunoassay

CIRCADIAN RHYTHM: This biological molecule has a circadian rhythm (maximum concentration in morning), with a sufficiently significant amplitude to have an important influence on the clinical interpretation

DHEA - Dehydroepiandrosterone

DHA *

1 mL Serum ° Refrigerated

3 days ° ELISA

CIRCADIAN RHYTHM: This biological molecule has a circadian rhythm (maximum concentration in morning), with a sufficiently significant amplitude to have an important influence on the clinical interpretation

DHEA - Dehydroepiandrosterone

DHA4T *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3 ° Refrigerated

3 days ° ELISA

CIRCADIAN RHYTHM: This biological molecule has a circadian rhythm (maximum concentration in morning), with a sufficiently significant amplitude to have an important influence on the clinical interpretation

DHT - Dihydrotestosterone - serum

DHT *

3 mL Serum ° Refrigerated

6 days ° Chromatography - Extraction - Radioimmunoassay

Diazepam + desmethyldiazepam - Serum

DIAZ *

3 mL Serum (do not use tubes with separator gel) ° FROZEN

2 weeks ° GCMS

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.

Dibekacin - Serum

DIBE *

2 mL Serum (do not use tubes with separator gel) ° Refrigerated

4 days ° Enzyme-immunoassay

Centrifuge the sample and decant rapidly
Enclose the specific clinical information form (R18-INTGB : Infectious agents)

Juvenalis - DigestCheck - Stool

DIGES *

50 g Stool specimen ° Refrigerated

4 weeks °

Sample
This is a panel of analyses, which must be sent in full to Eurofins Biomnis, without being separated
Consult the specific pre-analytical protocol (JU-P47)
Attach the specific health questionnaire (JU-Q01: JUVENALIS health questionnaire)
Do not combine the Juvenalis report and the Eurofins Biomnis report in the same file.

Digoxin - Serum

DIGO *

1 mL Serum ° Refrigerated

1 day ° Immuno turbidimetry

No gel tube
1 specific aliquot for this analysis
Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
Always draw blood at the same time before another administration

Diphtheria - immunity test - IgG serology - serum

DIPH

1 mL serum (do not use 10 mL tube) ° Refrigerated

8 days ° Enzyme-immunoassay

Dipyridamole - Serum

DIPYR *

2 mL Serum (to be stored away from light) ° Refrigerated

Variable TAT ° HPLC - High Performance Liquid Chromatography

In accordance with the regulation, all requests must ALWAYS contain:
- the sampling date and time, the date and time of the last dose
- the reasons for the prescription (efficiency and/or toxicity test)
- the treatment start date and/or the date of any change of dosage
- the subject's age, height and weight, when possible
- the dosage data (quantity administered, frequency, administration route)
- the medical follow-up sheet

Disopyramide - serum — DISO *

2 mL Imperative serum volume (tubes with gel separators are forbidden) ° FROZEN

2 weeks ° HPLC - High Performance Liquid Chromatography

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.

Distomatosis - confirmation serology - serum — DISTC

1 mL serum (do not use 10 mL tube) ° Refrigerated

5 days ° Western-Blot

Distomatosis - screening serology - serum — DISTO

1 mL serum (do not use 10 mL tube) ° Refrigerated

4 days ° Haemagglutination

If equivocal or positive, the confirmation test is automatically performed.

Full Neonatal screen - . - blotting paper — DNEX *

Guthrie card only ° Ambient temperature

1 week ° Enzyme-immunoassay

11-Deoxycorticosterone — DOC

500 µL Serum (Tubes without separating gel) ° Refrigerated

1 week ° LC-MS/MS

CIRCADIAN RHYTHM: This biological molecule has a circadian rhythm (maximum concentration in morning), with a sufficiently significant amplitude to have an important influence on the clinical interpretation

11-Deoxycorticosterone — DOC2

500 µL Serum (Tubes without separating gel) ° Refrigerated

1 week ° LC-MS/MS

CIRCADIAN RHYTHM: This biological molecule has a circadian rhythm (maximum concentration in morning), with a sufficiently significant amplitude to have an important influence on the clinical interpretation

11-Deoxycorticosterone — DOC3

500 µL Serum (Tubes without separating gel) ° Refrigerated

1 week ° LC-MS/MS

CIRCADIAN RHYTHM: This biological molecule has a circadian rhythm (maximum concentration in morning), with a sufficiently significant amplitude to have an important influence on the clinical interpretation

Dolutegravir - Serum — DOLUT *

3 mL Serum (do not use tubes with separator gel) ° FROZEN

3 weeks ° HPLC - High Performance Liquid Chromatography / UV detection

Enclose the specific clinical information form (R6-INTGB : Anti-retroviral medicines)
Recommended residual rate, once steady state is reached

Doravirine - Serum — DORAV *

3 mL Serum (do not use tubes with separator gel) ° FROZEN

3 weeks ° LCMS/MS

Enclose the specific clinical information form (R6-INTGB : Anti-retroviral medicines)
Recommended residual rate, once steady state is reached.

Doxycycline - Serum — DOXY *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

1 week ° Microbiological method

Enclose the specific clinical information form (R18-INTGB : Infectious agents)

Sickle cell anemia - EDTA whole blood — DREPE *

5 mL EDTA whole blood ° Ambient temperature

30 days °

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription. Enclose the specific B12-INTGB request form: Molecular Genetics

Sickle cells - status - blotting paper — DREPX *

Guthrie card only ° Ambient temperature

3 weeks °

Drugs - dosage - plasma — DROGS

2 x 2 mL Fluorinated plasma (avoid tubes with separating gel) ° Refrigerated

7 days ° LC-MS/MS

Spin down and immediately decant plasma from cells. Immediately decant the plasma.(maximum 1 hour)
Please remember that the Eurofins Biomnis laboratory does not perform toxicological analysis for medico-legal purposes. Do not submit requests based on judicial requisition. Such analysis must be carried out by laboratories specialized in forensic expertise.

Drugs - dosage — DROGU

[Indéfinie] 1 x 2 mL refrigerated urine (micturition)
1 x 2 mL frozen urine (micturition) ° Refrigerated

4 days ° LC-MS/MS

Please remember that the Eurofins Biomnis laboratory does not perform toxicological analysis for medico-legal purposes. Do not submit requests based on judicial requisition. Such analysis must be carried out by laboratories specialized in forensic expertise.
This dosage includes amphetamines, cannabinoids, cocaine and opiates.

Tube for urine sample (4mL)-T28

DNA NGS Panel for thyroid cancer — DTHYR

FFPE scrolls (6 scrolls of 10µm) or unstained slides (6 unstained 10µm slides), accompanied by an H&E slide with the tumor area circled strongly recommended when the tumor cellularity is <30% or an FFPE tumor block, or extracted DNA. ° Ambient temperature

14 days ° Detection of variants in a targeted gene panel using massively parallel sequencing (MPS).

For tumor tissue scrolls, a 1.5 mL Eppendorf tube (reference: Eppendorf tubes 3810X, 1.5 mL) is strongly recommended.
Use the specific request form B9-INTGB: Oncology-Solid tumors
The use of the S25UK transport bag is Mandatory.
Attach the anatomopathological report

S25 : Envelope Genetics and Molecular Oncology

Duloxetine - serum — DULO

2 mL Serum (do not use tubes with separator gel) ° FROZEN

7 days ° Liquid chromatography / Tandem mass spectrometry (LC-TMS/MS)

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.
Always draw blood at the same time before another administration
The following examinations can be performed on the same sample: Citalopram; Duloxetine; Fluoxetine; Fluvoxamaine; Mirtazapine; Paroxetine; Sertraline; Venlaflaxine.

Uniparental disomy - UPD — DUP

5 mL Whole blood EDTA, avoid tubes containing beads. ° Ambient temperature

1 week ° Detection of uniparental disomy (UPD) of chromosomes 7, 14, or 15 by microsatellite marker analysis.

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
5 ml of whole blood on EDTA from each parent (quotation on request) is required to perform this test
Enclose the specific B12-INTGB request form: Molecular Genetics

Angelman / Prader-Willi Syndrome - uniparental disomy - mechanism identification - amniotic fluid — DUPLA

5 mL Amniotic fluid ° Ambient temperature

1 week ° Microsatellites. Fluorescent sequence analysis (PCR)

5 ml of whole blood on EDTA from each parent (quotation on request) is required to perform this test
ALWAYS attach the medical prescription, the clinical patient's history and the consent form signed by both the patient and the prescribing clinical

Angelman / Prader-Willi Syndrome - uniparental disomy - mechanism identification - EDTA whole blood — DUPO

5 mL EDTA whole blood ° Ambient temperature

1 week ° Microsatellites. Fluorescent sequence analysis (PCR)

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
5 ml of whole blood on EDTA from each parent (quotation on request) is required to perform this test
Enclose the specific B12-INTGB request form: Molecular Genetics

Uniparental disomy - UPD — DUPRE

Cultivated amniotic fluid, cultivated trophoblasts ° Ambient temperature

3 weeks ° Microsatellites study via QFPCR on chromosomes 7, 14, 15

5 ml of whole blood on EDTA from each parent (quotation on request) is required to perform this test
Enclose the specific B12-INTGB request form: Molecular Genetics
ALWAYS attach the medical prescription, the clinical patient's history and the consent form signed by both the patient and the prescribing clinical

Oestrone - serum — E1CH *

1 mL Serum ° Refrigerated

2 weeks ° Radioimmunoassay

Trisomy 21 - second-trimester maternal serum markers - 3 parameters — E21

3 mL Serum (please do not send the gel tube) ° Refrigerated

3 days ° Fluoro-Immunoassay (time resolved)

If a sample is taken from a gel tube, it is necessary to send a decanted serum
The sample must be free of lipids, jaundice and haemolysis; do not use plasma.
The sample must be centrifuged as soon as possible, within a maximum of 4 hours.
For French overseas departments and territories and international shipments: MUST BE FROZEN WITHIN 4 HOURS
Retain the serum sample until the result is received.
In accordance with the Order of 23 June 2009 (Official Journal of 3 July 2009), it is MANDATORY to enclose the medical prescription, the information sheet, a copy of the ultrasound report and the consent form for the pregnant woman (template provided by the decree of 14 January 2014), duly completed and signed by the prescriber and the patient.

Oestradiol - man/child - serum — E2EH *

1 x 1 mL Serum ° Refrigerated

3 days ° Radioimmunoassay

Always confirm if patient is under Fulvestrant treatment

Oestradiol man/child - 2 time — E2EH2 *

1 mL 1 mL serum T0
1 mL serum T1 ° Refrigerated

3 days ° Radioimmunoassay

Always confirm if patient is under Fulvestrant treatment

Oestradiol man/child - 3 time — E2EH3 *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2 ° Refrigerated

3 days ° Radioimmunoassay

Always confirm if patient is under Fulvestrant treatment

Oestradiol man/child - 4 time — E2EH4 *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3 ° Refrigerated

Always confirm if patient is under Fulvestrant treatment

3 days ° Radioimmunoassay

Oestradiol - woman - serum — E2F *

1 x 2 mL Serum ° Refrigerated

3 days ° Radioimmunoassay

Epstein-Barr Virus - EBV - IgA EA serology - serum — EAA

1 mL serum (do not use 10 mL tube) ° Refrigerated

8 days ° CLIA

Epstein-Barr Virus - EBV - IgG EA serology - serum — EAG *

1 mL serum (do not use 10 mL tube) ° Refrigerated

1 week ° Chemiluminescence

Epstein-Barr Virus - EBV - VCA IgG/IgM and EBNA IgG serology - serum — EBV *

1 mL Serum ° Refrigerated

1 day ° EIA

Epstein-Barr Virus - EBV - direct diagnosis - PCR — EBVBM

[Indéfinie] Bronchial aspirations, BAL, ocular humor, biopsies (including digestive, pulmonary, cerebral), puncture fluid (pleural or pericardial), bone marrow (EDTA), CSF: qualitative result ° Refrigerated

3 days ° Real-time PCR

.
Use M4RT medium
The use of the purple S14UK transport bag is MANDATORY
Samples (other than swabs) must be sent as is, in a sterile container, without transport medium.
Other acceptable transport media: eSwab, Transwab and UTM. Alternatively, an Amies transport medium is acceptable.

S14: Special mycobacteria transport bags are to be used

Epstein-Barr Virus - EBV - VCA IgG, EBNA, IgG serology - serum — EBVG *

1 mL Serum ° Refrigerated

2 days ° EIA

Storage temperature (2-8°C) < 7 days during transport of specimen.

Epstein-Barr Virus - EBV - direct diagnosis - PCR - amniotic fluid — EBVLA

8 mL amniotic fluid ° Refrigerated

4 days ° Real time TaqMan PCR

Attach the patient's informed consent (D44 consent_Post-Prenatal)
The use of the purple S14UK transport bag is MANDATORY
Use the specific form B3-INTGB: Cytogenetic

Epstein-Barr Virus - EBV - VCA IgM serology - serum — EBVM *

1 mL Serum ° Refrigerated

2 days ° EIA

Storage temperature (2-8°C) < 7 days during transport of specimen.

Epstein-Barr Virus - EBV - viral load - PCR — EBVQ

1 mL Whole blood or plasma (EDTA), serum: Quantitative result ° Refrigerated

3 days ° Real-time PCR

.
The use of the purple S14UK transport bag is MANDATORY

S14: Special mycobacteria transport bags are to be used

ACE - Angiotensin Converting Enzyme - Serum — ECA *

1 x 1 mL Serum ° Refrigerated

1 day ° Colorimetry

Do not send haemolysed or lipemic samples.
Do not use plasma (particularly EDTA)
Prélever à jeun de préférence

ACE - Angiotensin Converting Enzyme - BAL — ECAD *

1 mL BAL supernatant ° FROZEN

1 week ° Radioimmunoassay

Centrifuge the BAL and freeze the supernatant

ACE - Angiotensin Converting Enzyme — ECAPL *

1 mL CSF supernatant ° FROZEN

10 days ° Automated photometric technique

Centrifuge the CSF and freeze the supernatant
One specific aliquot is required for this analysis.

ECP - Eosinophil Cationic Protein — ECP

1 mL Serum on tube with phase separator and coagulation activator ° FROZEN before sending

8 days ° Fluorescent enzyme-immunoassay

Do not use haemolyzed serum.
Protocol for sample preparation before dispatch :
1. Invert the tube several times without shaking or centrifuging.
2. Allow to clot for 60 to 120 minutes at room temperature (22°C +/-1°C).
3. Centrifuge at 1000-1300 g for 10 minutes at room temperature.
4. Caution: Transfer the serum to a new tube. (Without this step, the sample cannot be analysed).
5. Freeze the tube.
NB: The type of tube used for collection, the duration of coagulation and the temperature must be perfectly controlled as these parameters affect the concentration of ECP released in the serum samples.

Anti-ENA antibodies (SSA, SSB, Sm, Rnp, Jo1, Scl-70) - screening and titration - Serum — ECT *

1 x 2 mL Serum ° Refrigerated

3 days ° Flow Immunofluorimetry

Circulating tumor DNA NGS Panel - Peripheral blood from Cell Free DNA tube : ambiant — EGFRS *

4 x 1 tube(s) Peripheral blood from Cell Free DNA tube : ambiant ° Ambient temperature

21 days °

Use the specific request form B9-INTGB: Oncology-Solid tumors
Attach the anatomopathological report

Ethylene glycol - Serum — EGLY *

5 mL Serum (do not use tubes with separator gel) ° FROZEN

10 days ° Gas Phase Chromatography / FID detection

One specific aliquot is required for this analysis.
In urine, it is necessary to assay oxalic acid which is the metabolite of ethylene-glycol

Human ehrlichiosis - IgG/IgM serology - serum — EHRLI

1 mL serum (do not use 10 mL tube) ° Refrigerated

8 days ° Immunofluorescence

Protein electrophoresis and Immunobinding - serum — EIF *

1 mL Non haemolysed serum ° Refrigerated

2 days ° Electrophoresis and Immunobinding

Lactescent/hemolysed serum samples are forbidden

Elastase - Stool — ELASS *

20 g (Volume de selles équivalent à une pêche) Stool specimen ° Refrigerated

3 days ° Enzyme-immunoassay

Sample
Attach the specific clinical information form (R29-INTGB: Functional Coprology)
Use : small pot
Liquid stools are accepted but the dilution may result in underestimation of elastase levels.

hereditary spherocytosis - screening (eosin-5'-maleimide (EMA) staining) — EMA *

5 mL EDTA Whole blood ° Refrigerated

30 days ° Flow Cytometry

1 specific aliquot for this analysis
ALWAYS attach the specific clinical information form (R39-INTGB :EMA)
The test must be performed within 72 hours after blood draw

Emtricitabine - plasma — EMTRI *

3 mL EDTA Plasma centrifuged immediately ° FROZEN

3 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R6-INTGB : Anti-retroviral medicines)
Recommended residual rate, once steady state is reached

Juvenalis - Panel MyEndoCheck - Juvenalis - Panel MyEndoCheck — ENDO *

4 x 1 ml serum (without separating gel): refrigerated ;
3ml EDTA whole blood: refrigerated ;
2 x 1 ml serum (without gel separator): frozen;
1 ml citrated plasma (without separating gel): frozen;
1 ml fluorinated plasma (without separating gel): frozen;
2 x 1 ml of 24H urine (T28): refrigerated; °

3 weeks °

Do not use tubes with phase separator
Fasting sample required
The sample must be taken on day 7 post-ovulation.
This is a panel of analyses, which must be sent in full to Eurofins Biomnis, without being separated
Attach the specific health questionnaire to the back of the application form.
It is essential to identify the nature of the sample on each tube sent.
Do not combine the Juvenalis report and the Eurofins Biomnis report in the same file.

Anti-endomysium antibodies - IgA - serum — ENDOA

1 mL serum (do not use 10 mL tube) ° Refrigerated

2 days ° Immunofluorescence

For requests for an anti-endomysial antibody assay that does not specify which antibody to test for (IgA or IgG), IgA will be tested for in accordance with the recommendations

Anti-endomysium antibodies - IgG - serum — ENDOG

1 mL serum (do not use 10 mL tube) ° Refrigerated

2 days ° Immunofluorescence

For requests for an anti-endomysial antibody assay that does not specify which antibody to test for (IgA or IgG), IgA will be tested for in accordance with the recommendations

DNA NGS Panel solid tumor Endometrium — ENDON

FFPE scrolls (6 scrolls of 10µm) or unstained slides (6 unstained 10µm slides), accompanied by an H&E slide with the tumor area circled strongly recommended when the tumor cellularity is <30% or an FFPE tumor block, or extracted DNA. ° Ambient temperature

14 days ° Detection of variants in a targeted gene panel using massively parallel sequencing (MPS).

For tumor tissue scrolls, a 1.5 mL Eppendorf tube (reference: Eppendorf tubes 3810X, 1.5 mL) is strongly recommended.
Use the specific request form B9-INTGB: Oncology-Solid tumors
The use of the S25UK transport bag is Mandatory.
Attach the anatomopathological report

S25 : Envelope Genetics and Molecular Oncology

Entecavir - plasma — ENTKV *

2 mL EDTA Plasma ° FROZEN

3 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R6-INTGB : Anti retroviral treatment)

Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM, MLH1, MSH2, MSH6, MUTYH, PMS2, POLD1, POLE, PTEN, SMAD4, STK11 — EODIG

1 x 5 mL 1 x 5 mL Whole blood EDTA (1 full tube) or 1 extracted DNA tube (minimum volume 50µL with a minimum quantity of 1µg) °

4 weeks for the interpreted panel - excluding confirmatory analysis ° Lib TwistV2, Seq 2x150 MGI DNBSEQ T1+. Perf: #

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
These tests should be prescribed during a dedicated consultation by an oncogeneticist, a genetic counsellor in conjunction with an oncogenetic team or a specialist doctor with oncogenetic skills.
If transported at room temperature, the sample must reach us within 4 days. If the transport time exceeds 4 days, the sample must be sent refrigerated.
In case of urgent collection, please inform us when sending.
Please use request form B67.

Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-endocrine, poumon, peau — EOETE

1 x 5 mL 1 x 5 mL Whole blood EDTA (1 full tube) or 1 extracted DNA tube (minimum volume 50µL with a minimum quantity of 1µg) °

4 weeks for the interpreted panel - excluding confirmatory analysis ° Lib TwistV2, Seq 2x150 MGI DNBSEQ T1+. Perf: #

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
These tests should be prescribed during a dedicated consultation by an oncogeneticist, a genetic counsellor in conjunction with an oncogenetic team or a specialist doctor with oncogenetic skills.
If transported at room temperature, the sample must reach us within 4 days. If the transport time exceeds 4 days, the sample must be sent refrigerated.
In case of urgent collection, please inform us when sending.
Please use request form B67.

Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2, EPAS1, FH, GOT2, LZTR1, MAX, MDH2, MEN1, MERTK, MET, NF1, NF2, RET, SDHA, SDHAF2, SDHB, SDHC, SDHD, SLC25A11, SMARCB1, TMEM127, TP53, TSC1, TSC2, VHL

EONEN

1 x 5 mL 1 x 5 mL Whole blood EDTA (1 full tube) or 1 extracted DNA tube (minimum volume 50µL with a minimum quantity of 1µg) °

4 weeks for the interpreted panel - excluding confirmatory analysis ° Lib TwistV2, Seq 2x150 MGI DNBSEQ T1+. Perf: #

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription. These tests should be prescribed during a dedicated consultation by an oncogeneticist, a genetic counsellor in conjunction with an oncogenetic team or a specialist doctor with oncogenetic skills.
If transported at room temperature, the sample must reach us within 4 days. If the transport time exceeds 4 days, the sample must be sent refrigerated.
In case of urgent collection, please inform us when sending.
Please use request form B67.

Pancreatic oncogenetic panel Target genes : APC, ATM, BRCA1, BRCA2, CDK4, CDKN2A, EPCAM, MEN1, MLH1, MSH2, MSH6, PALB2, PMS2, STK11, TP53, VHL

EOPAN

1 x 5 mL 1 x 5 mL Whole blood EDTA (1 full tube) or 1 extracted DNA tube (minimum volume 50µL with a minimum quantity of 1µg) °

4 weeks for the interpreted panel - excluding confirmatory analysis ° Lib TwistV2, Seq 2x150 MGI DNBSEQ T1+. Perf: #

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription. These tests should be prescribed during a dedicated consultation by an oncogeneticist, a genetic counsellor in conjunction with an oncogenetic team or a specialist doctor with oncogenetic skills.
If transported at room temperature, the sample must reach us within 4 days. If the transport time exceeds 4 days, the sample must be sent refrigerated.
In case of urgent collection, please inform us when sending.
Please use request form B67.

K34 : Kit Exome

Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R, MITF, NF1, PTCH1, PTCH2, POT1, TERT, TERF2IP, SUFU

EOPEA

1 x 5 mL 1 x 5 mL Whole blood EDTA (1 full tube) or 1 extracted DNA tube (minimum volume 50µL with a minimum quantity of 1µg) °

4 weeks for the interpreted panel - excluding confirmatory analysis ° Lib TwistV2, Seq 2x150 MGI DNBSEQ T1+. Perf: #

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription. These tests should be prescribed during a dedicated consultation by an oncogeneticist, a genetic counsellor in conjunction with an oncogenetic team or a specialist doctor with oncogenetic skills.
If transported at room temperature, the sample must reach us within 4 days. If the transport time exceeds 4 days, the sample must be sent refrigerated.
In case of urgent collection, please inform us when sending.
Please use request form B67.

K34 : Kit Exome

Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A, CHEK2, EGFR, ERBB2, MET, NBN, PRKN, RTEL1, STN1, TP53, VHL

EOPOU

1 x 5 mL 1 x 5 mL Whole blood EDTA (1 full tube) or 1 extracted DNA tube (minimum volume 50µL with a minimum quantity of 1µg) °

4 weeks for the interpreted panel - excluding confirmatory analysis ° Lib TwistV2, Seq 2x150 MGI DNBSEQ T1+. Perf: #

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription. These tests should be prescribed during a dedicated consultation by an oncogeneticist, a genetic counsellor in conjunction with an oncogenetic team or a specialist doctor with oncogenetic skills.
If transported at room temperature, the sample must reach us within 4 days. If the transport time exceeds 4 days, the sample must be sent refrigerated.
In case of urgent collection, please inform us when sending.
Please use request form B67.

K34 : Kit Exome

Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B, MET, MITF, PBRM1, PTEN, SDHAF2, SDHB, SDHC, SDHD, SETD2, TMEM127, TSC1, TSC2, VHL, WT1

EOREI

1 x 5 mL 1 x 5 mL Whole blood EDTA (1 full tube) or 1 extracted DNA tube (minimum volume 50µL with a minimum quantity of 1µg) °

4 weeks for the interpreted panel - excluding confirmatory analysis ° Lib TwistV2, Seq 2x150 MGI DNBSEQ T1+. Perf: #

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription. These tests should be prescribed during a dedicated consultation by an oncogeneticist, a genetic counsellor in conjunction with an oncogenetic team or a specialist doctor with oncogenetic skills.
If transported at room temperature, the sample must reach us within 4 days. If the transport time exceeds 4 days, the sample must be sent refrigerated.
In case of urgent collection, please inform us when sending.
Please use request form B67.

K34 : Kit Exome

Panel Hereditary breast ovarian cancer and prostate Gènes ciblés: ATM, BRCA1, BRCA2, CDH1, EPCAM, HOXB13, MLH1, MSH2, MSH6, PALB2, PMS2, PTEN , RAD51C, RAD51D, TP53

EOSOP

1 x 5 mL 1 x 5 mL Whole blood EDTA (1 full tube) or 1 extracted DNA tube (minimum volume 50µL with a minimum quantity of 1µg) ° Ambient temperature

4 weeks for the interpreted panel - excluding confirmatory analysis ° Lib TwistV2, Seq 2x150 MGI DNBSEQ T1+. Perf: #

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription. These tests should be prescribed during a dedicated consultation by an oncogeneticist, a genetic counsellor in conjunction with an oncogenetic team or a specialist doctor with oncogenetic skills.
If transported at room temperature, the sample must reach us within 4 days. If the transport time exceeds 4 days, the sample must be sent refrigerated.
In case of urgent collection, please inform us when sending.
Please use request form B67.

K34 : Kit Exome

Exome Panel for chronic and hereditary pancreatitis — EPANC

1 x 5 mL (Sang total EDTA) EDTA whole blood (tube completely filled). 1 extracted DNA tube (minimum volume 50µL with a minimum quantity of 1µg/500ng for the prenatal) ° Ambient temperature

4 weeks for the interpreted exome excluding confirmatory analyses and 2 weeks to make the data available in seqone for

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Trio whole exome sequencing assay requires an EDTA whole blood sample for each parent (mother and father)
If transported at room temperature, the sample must reach us within 4 days. If the transport time exceeds 4 days, the sample must be sent refrigerated.
Please inform us when an urgent or prenatal exome is expected.
Please see the specific form N34- Whole exome sequencing
Use the specific request form B59: Hereditary pancreatitis

K34 : Kit Exome

Pharmacogenetic Passport - PharmacoPass Expert — EPGX

EDTA whole blood, extracted DNA (50µL, minimum 1µg) ° Ambient temperature

4 weeks ° Lib Twist, Seq 2x150 on MGI DNBSEQ T1+. Perf: # 98% at 30x on Refseq + 2 pb, sensibility > 99% (perf checked

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Trio whole exome sequencing assay requires an EDTA whole blood sample for each parent (mother and father)
If transported at room temperature, the sample must reach us within 4 days. If the transport time exceeds 4 days, the sample must be sent refrigerated.
Please inform us when an urgent or prenatal exome is expected.
Please use the specific request form B110: Exome.

K34 : Kit Exome

Haemoglobin - electrophoresis - whole blood — EPHB *

4 mL EDTA whole blood (only) ° Refrigerated

2 days ° Electrophoresis

Attach the FBC results
Specify ethnic origin
The sample has to be collected just before to be sent to our facility in order to minimize the transport time and the impact on the sample stability.
The sample is stable for 7 days from its extraction
In the event of an Hb abnormality identified with capillary electrophoresis, an EPHBI is triggered supplemented by a HPLC technique and acid gel electrophoresis.

Isoelectric focusing - CSF + serum — EPLCR

1 mL CSF + 2 ml Serum (IMPERATIVE) ° Refrigerated

4 days ° Isoelectric focusing

1 specific tube for this analysis, especially if joint request of Borreliosis.
CSF and serum sample taken the same day
No compact or urine container for CSF samples
Allow 2 mL of CSF if a Kappa Index is also requested

Protein electrophoresis - serum — EPPRO *

1 mL Non haemolysed serum ° Refrigerated

1 day (2 days if IFS) ° Electrophoresis

Lactescent/hemolysed serum samples are forbidden
Enclose clinical details
SUPPLEMENTARY ANALYSES IN THE EVENT OF BIOLOGICAL ANOMALY DETECTION: when performing specific analyses, the biologists complete the evaluation in order to characterise or have a better typing of a biological anomaly, we perform immunofixation (with electrophoresis) in the presence of a homogeneous band on the chart

Contact the International Division for further information

Protein electrophoresis — EPROU *

5 mL 24-hour urine sample or morning urine sample ° Refrigerated

2 days ° Electrophoresis

Refrigerated collection and transport. Urine without preservative and without the addition of acid
Specify diuresis
Join the information relating to electrophoresis and serum immunofixation

HER2 - Human Epidermal growth factor Receptor 2 - c-erbB-2 protein - serum — ERBB2 *

1 mL Serum ° FROZEN

2 weeks ° Enzyme-immunoassay

Freeze the sample within one hour. Home collection is not recommended.
Use the specific request form B9-INTGB: Oncology-Solid tumors

Erythropoietin - serum — ERY *

1 mL Non-hemolysed serum ° FROZEN

1 day ° Chemiluminescence

Collect sample the morning between 7.30 and 12am recommended
Do not use EDTA, haemolysed samples

Escitalopram - Serum — ESCIT *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

15 days ° High-performance liquid chromatography / Spectrometry

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.
Trough concentration : take a sample before a new drug intake.

Estazolam - Serum — ESTAZ *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

2 weeks ° HPLC - High Performance Liquid Chromatography / DAD

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.

Tin — ETAIN *

2 mL heparinised plasma (do not use tubes with gel separators) ° Refrigerated

2 weeks ° Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)

Tin - urines — ETAIU *

50 mL 24hr Urine collection ° Refrigerated

2 weeks ° Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)

Etanercept - serum — ETAN *

1 mL Serum ° FROZEN

30 days ° Enzyme-immunoassay

Always draw blood at the same time before another administration
Please attach the specific clinical information sheet (R46 : Anti-TNF)

Ethyl glucuronide — ETGLU *

2 mL urines ° Refrigerated

1 week °

Please remember that the Eurofins Biomnis laboratory does not perform toxicological analysis for medico-legal purposes. Do not submit requests based on judicial requisition. Such analysis must be carried out by laboratories specialized in forensic expertise.

Ethosuximide - serum — ETHO *

1 mL Serum (do not use tubes with separator gel) ° FROZEN before sending

5 days ° LCMS/MS

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
1 frozen aliquot specific for this analysis.
Always draw blood at the same time before another administration

Ethoxyacetic acid - urine — ETHOU *

10 mL urine sample ° Refrigerated

2 weeks ° Gas Phase Chromatography / FID detection

Sample at end of work shift

Ethyl alcohol — ETHU *

1 tube(s) Urines ° Refrigerated

2 days ° Spectrophotometry

Storage: Samples should be stored in tightly closed tubes. Samples that contain a precipitate should be centrifuged before analysis.

Everolimus — EVERO

1 mL Sang total EDTA ° Refrigerated

4 days ° LCMS/MS

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
EDTA- or heparin-anticoagulated whole blood (tubes without a separating gel)

Exome Congenital heart defects — EXMCC

1 x 5 mL (Sang total EDTA) EDTA whole blood (tube completely filled). 1 extracted DNA tube (minimum volume 50µL with a minimum quantity of 1µg/500ng for the prenatal) ° Ambient temperature

4 weeks for the interpreted exome excluding confirmatory analyses and 2 weeks to make the data available in seqone for

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Trio whole exome sequencing assay requires an EDTA whole blood sample for each parent (mother and father)
If transported at room temperature, the sample must reach us within 4 days. If the transport time exceeds 4 days, the sample must be sent refrigerated.
Please inform us when an urgent or prenatal exome is expected.
Please see the specific form N34- Whole exome sequencing
Please attach the specific request form B34-INTGB Exome analysis

K34 : Kit Exome

Cardiogenetic panel or exome — EXOC

1 x 5 mL (Sang total EDTA) EDTA whole blood (tube completely filled). 1 extracted DNA tube (minimum volume 50µL with a minimum quantity of 1µg/500ng for the prenatal) ° Ambient temperature

4 weeks for the interpreted exome excluding confirmatory analyses and 2 weeks to make the data available in seqone for

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Trio whole exome sequencing assay requires an EDTA whole blood sample for each parent (mother and father)
If transported at room temperature, the sample must reach us within 4 days. If the transport time exceeds 4 days, the sample must be sent refrigerated.
Please see the specific form N34- Whole exome sequencing
Please ensure to attached a maternal EDTA whole blood sample to each prenatal exome sample request (screening for maternal contamination)
Please attach the specific request form B61-INTGB Cardiogenic exome
Please inform us when an urgent or prenatal exome is expected.

K34 : Kit Exome

Exome Isolated or syndromic intellectual disability and syndromic neurodevelopmental disorder — EXODI

1 x 5 mL (Sang total EDTA) EDTA whole blood (tube completely filled). 1 extracted DNA tube (minimum volume 50µL with a minimum quantity of 1µg/500ng for the prenatal) ° Ambient temperature

4 weeks for the interpreted exome excluding confirmatory analyses and 2 weeks to make the data available in seqone for

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Trio whole exome sequencing assay requires an EDTA whole blood sample for each parent (mother and father)
If transported at room temperature, the sample must reach us within 4 days. If the transport time exceeds 4 days, the sample must be sent refrigerated.
Please inform us when an urgent or prenatal exome is expected.
Please see the specific form N34- Whole exome sequencing
Please attach the specific request form B34-INTGB Exome analysis

K34 : Kit Exome

Exome sequencing - Male infertility - Screening for mutations involved in male infertility — EXOI

1 x 5 mL (Sang total EDTA) EDTA whole blood (tube completely filled). 1 extracted DNA tube (minimum volume 50µL with a minimum quantity of 1µg/500ng for the prenatal) ° Ambient temperature

4 weeks for the interpreted exome excluding confirmatory analyses and 2 weeks to make the data available in seqone for

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Trio whole exome sequencing assay requires an EDTA whole blood sample for each parent (mother and father)
If transported at room temperature, the sample must reach us within 4 days. If the transport time exceeds 4 days, the sample must be sent refrigerated.
Please inform us when an urgent or prenatal exome is expected.
Please see the specific form N34- Whole exome sequencing
Please attach the specific clinical information sheet (R51-INTGB:Genetic characterization of male infertility)

K34 : Kit Exome

exome — EXOME

1 x 5 mL (Sang total EDTA) EDTA whole blood (tube completely filled). 1 extracted DNA tube (minimum volume 50µL with a minimum quantity of 1µg/500ng for the prenatal) ° Ambient temperature

4 weeks for the interpreted exome excluding confirmatory analyses and 2 weeks to make the data available in seqone for

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Trio whole exome sequencing assay requires an EDTA whole blood sample for each parent (mother and father)
If transported at room temperature, the sample must reach us within 4 days. If the transport time exceeds 4 days, the sample must be sent refrigerated.
Please inform us when an urgent or prenatal exome is expected.
Please see the specific form N34- Whole exome sequencing
Please attach the specific request form B34-INTGB Exome analysis
Please ensure to attached a maternal EDTA whole blood sample to each prenatal exome sample request (screening for maternal contamination)
Also attach the certificate of information and consent of the pregnant woman D44 as well as the specific request form for antenatal diagnosis B3

K34 : Kit Exome

Oncogenetic exome

EXONC

5 mL (Sang total EDTA) EDTA whole blood (tube completely filled). 1 extracted DNA tube (minimum volume 50µL with a minimum quantity of 1µg/500ng for the prenatal) ° Ambient temperature

4 weeks for the interpreted exome excluding confirmatory analyses and 2 weeks to make the data available in seqone for

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Trio whole exome sequencing assay requires an EDTA whole blood sample for each parent (mother and father)
If transported at room temperature, the sample must reach us within 4 days. If the transport time exceeds 4 days, the sample must be sent refrigerated.
Please inform us when an urgent or prenatal exome is expected.
Please see the specific form N34- Whole exome sequencing
Please use request form B67.

K34 : Kit Exome

Nephrology exome

EXONP

1 x 5 mL (Sang total EDTA) EDTA whole blood (tube completely filled). 1 extracted DNA tube (minimum volume 50µL with a minimum quantity of 1µg/500ng for the prenatal) ° Ambient temperature

4 weeks for the interpreted exome excluding confirmatory analyses and 2 weeks to make the data available in seqone for

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Trio whole exome sequencing assay requires an EDTA whole blood sample for each parent (mother and father)
If transported at room temperature, the sample must reach us within 4 days. If the transport time exceeds 4 days, the sample must be sent refrigerated.
Please inform us when an urgent or prenatal exome is expected.
Please see the specific form N34- Whole exome sequencing
Please attach the specific request form B34-INTGB Exome analysis

K34 : Kit Exome

Prenatal exome — EXOPN

Fresh or cultivated amniotic fluid, fresh or cultivated chorionic villi, miscarriage product. °

4 weeks for the interpreted exome excluding confirmatory analyses and 2 weeks to make the data available in seqone for

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Trio whole exome sequencing assay requires an EDTA whole blood sample for each parent (mother and father)
If transported at room temperature, the sample must reach us within 4 days. If the transport time exceeds 4 days, the sample must be sent refrigerated.
Please inform us when an urgent or prenatal exome is expected.
Please see the specific form N34- Whole exome sequencing
Please attach the specific request form B34-INTGB Exome analysis
For prenatal tests:
Please ensure to attached a maternal EDTA whole blood sample to each prenatal exome sample request (screening for maternal contamination)
Also attach the certificate of information and consent of the pregnant woman D44 as well as the specific request form for antenatal diagnosis B3

K34 : Kit Exome

Exome with interpretation interface — EXSEQ

1 x 5 mL ((Sang total EDTA)) EDTA whole blood (tube completely filled). 1 extracted DNA tube (minimum volume 50µL with a minimum quantity of 1µg/500ng for the prenatal) ° Ambient temperature

4 weeks for the interpreted exome excluding confirmatory analyses to make the data available in SeqOne for the exome

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Trio whole exome sequencing assay requires an EDTA whole blood sample for each parent (mother and father)
If transported at room temperature, the sample must reach us within 4 days. If the transport time exceeds 4 days, the sample must be sent refrigerated.
Please inform us when an urgent or prenatal exome is expected.
Please see the specific form N34- Whole exome sequencing
Please attach the specific request form B34-INTGB Exome analysis

K34 : Kit Exome

Factor II - Prothrombin - G20210G>A mutation — F2M

5 mL Whole blood EDTA (only), do not use tubes containing beads. ° Ambient temperature

5 days ° LAMP PCR

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Sample must be refrigerated if transport is > 48 hours
Enclose the specific B12-INTGB request form: Molecular Genetics

Factor V Leiden - p.Arg506Gln mutation — F5L

5 mL Whole blood EDTA (only), do not use tubes containing beads. ° Ambient temperature

5 days ° LAMP PCR

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Sample must be refrigerated if transport is > 48 hours
Enclose the specific B12-INTGB request form: Molecular Genetics

Factor X - Stuart-Prower - plasma — FAC10 *

2 mL Citrated Plasma ° FROZEN

1 day ° Chronometric method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
Single tube possible for II, V, VII, X
The factors II, V, VII, X (prothrombin complex factors) assay requires at least 2 mL of citrate plasma frozen
Attach patient¿s clinical details (inflammatory syndrome, pregnancy, family history) and the context of the test prescription request (haemorrhages, thrombosis, preoperative care, replacement therapy...) and any possible therapeutic prescription information.
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Factor XI - Rosenthal - plasma — FAC11 *

2 mL Citrated Plasma ° FROZEN

1 day ° Chronometric method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
Single tube possible for VIII, IX, XI,XII
The factors VIII, IX, XI,XII (aPTT factors) assay requires at least 2 mL of citrated plasma frozen.
Attach the clinical data relating to the patient (major inflammatory syndrome, pregnancy, etc.) and the circumstances (bleeding, thrombosis, preoperative evaluation, etc.)
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Factor XII - Hageman - plasma — FAC12 *

2 mL Citrated Plasma ° FROZEN

1 day ° Chronometric method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
Single tube possible for VIII, IX, XI,XII
The factors VIII, IX, XI,XII (aPTT factors) assay requires at least 2 mL of citrated plasma frozen.
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Factor XIII - plasma

FAC13 *

1 mL Citrated Plasma ° FROZEN

1 week ° Immunoturbidimetric technique

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
One specific aliquot is required for this analysis.
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Factor II - Prothrombin - activity - plasma

FAC2 *

2 mL Citrated Plasma ° FROZEN

1 day ° Chronometric method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
Single tube possible for II, V, VII, X
The factors II, V, VII, X (prothrombin complex factors) assay requires at least 2 mL of citrate plasma frozen
Attach patient¿s clinical details (inflammatory syndrome, pregnancy, family history) and the context of the test prescription request (haemorrhages, thrombosis, preoperative care, replacement therapy...) and any possible therapeutic prescription information.
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Factor V - Proaccelerin - plasma

FAC5 *

2 mL Citrated Plasma ° FROZEN

1 day ° Chronometric method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
Single tube possible for II, V, VII, X
The factors II, V, VII, X (prothrombin complex factors) assay requires at least 2 mL of citrate plasma frozen
Attach the clinical data relating to the patient (major inflammatory syndrome, pregnancy, etc.) and the circumstances (bleeding, thrombosis, preoperative evaluation, etc.)
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Factor VII - Proconvertin - plasma

FAC7 *

2 mL Citrated Plasma ° FROZEN

1 day ° Chronometric method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
Single tube possible for II, V, VII, X
The factors II, V, VII, X (prothrombin complex factors) assay requires at least 2 mL of citrate plasma frozen
Attach patient¿s clinical details (inflammatory syndrome, pregnancy, family history) and the context of the test prescription request (haemorrhages, thrombosis, preoperative care, replacement therapy...) and any possible therapeutic prescription information.
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Factor VIII - Antihaemophilic A - plasma

FAC8 *

2 mL Citrated Plasma ° FROZEN

1 day ° Chronometric method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
Single tube possible for VIII, IX, XI,XII
The factors VIII, IX, XI,XII (aPTT factors) assay requires at least 2 mL of citrated plasma frozen.
Attach the clinical data relating to the patient (major inflammatory syndrome, pregnancy, etc.) and the circumstances (bleeding, thrombosis, preoperative evaluation, etc.)
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Factor IX - Antihaemophilic B - plasma

FAC9 *

2 mL Citrated Plasma ° FROZEN

1 day ° Chronometric method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
Single tube possible for VIII, IX, XI,XII
The factors VIII, IX, XI,XII (aPTT factors) assay requires at least 2 mL of citrated plasma frozen.
Attach the clinical data relating to the patient (major inflammatory syndrome, pregnancy, etc.) and the circumstances (bleeding, thrombosis, preoperative evaluation, etc.)
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Factor H - complement fraction

FACH *

2 mL Serum, dry tube without separating gel. ° FROZEN

10 days ° Radial immunodiffusion

One specific aliquot is required for this analysis.
Collect on dry tube without gel separator

Factor I - complement fraction - serum

FACI *

2 mL Serum ° FROZEN

4 to 6 weeks ° Radial immunodiffusion

One specific aliquot is required for this analysis.

Anti-DNA antibodies double stranded - Farr test - serum

FARR *

1 x 1 mL Serum ° Refrigerated

1 week ° Radioimmunoassay

Fibronectin

FBRON *

1 mL EDTA or Citrated Plasma ° Refrigerated

1 day ° Nephelometry

Do not use other sample types

Iron - serum

FE *

1 mL Serum ° Refrigerated

2 days ° Chemistry - Spectrophotometry

Serum not hemolysed
Serum taken during fasting

Faecal test -Functional coprology - Stool

FECAP *

[Indéfinie] Stool specimen ° Refrigerated

5 days ° Chemistry

Complete 24-hours stool collection
Attach the specific clinical information form (R29-INTGB: Functional Coprology)
Collection of 24-, 48- or 72-hour stool samples.
Use one stool container per 24-hour collection period. For 48- or 72-hour collections, group all containers in a single bag with a single request form. The samples will be pooled and processed as a single examination.
Diet enriched with butter (50g butter minimum daily) 3 days before collection and during the collection
The "fecalogram" analysis includes a microscopic examination of the stool, an assay of lipids and proteins, an ionogram and a chemical examination of the stool with screening for blood.

T10 : Stool container 1l

Felbamate - Serum

FELB *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

2 weeks ° HPLC - High Performance Liquid Chromatography

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.

Extended phenotype

FENO *

5 mL EDTA whole blood (do not use tubes with separator gel) ° Refrigerated

1 day ° Gel-filtration

Enclose the specific clinical information form (R3-INTGB : Immunology-haematology (IA))
Please specify the patients full civil status on the request form and primary tube: maiden name, married name or surname used, full first name, gender and date of birth.
Please send us the primary tube.
The erythrocyte antigen to be identified must be specified: Cellano(KEL2 or k), Cw, Lewis etc
In biallelic systems, 2 antigens are identified.
Unless otherwise indicated, 'extensive phenotype' requests will correspond to identification of the erythrocyte antigens JK1, JK2, FY1, FY2, MNS3 and MNS4.

Farmer's lung disease - screening - serum

FERM

1 mL Serum ° Refrigerated

5 days ° Fluorescent enzyme-immunoassay

If screening is positive, the confirmation test is automatically performed.

Farmer's lung - confirmation - serum

FERMC

500 µL Serum ° Refrigerated

3 weeks ° Immuno-electrophoresis

Screening is mandatory prior to confirmation

Juvenalis - Panel - FertiCheck

FERTI *

2 x 3 ml EDTA whole blood: refrigerated ;
4 x 1 ml serum (without separating gel): refrigerated ;
2 ml heparinised plasma (protected from light): frozen ;
2 ml serum (without separating gel): frozen;
2 x 2 ml heparin plasma (without separating gel): refrigerated ;
1 ml citrated plasma : frozen.
5 ml urine: refrigerated °

3 weeks °

Do not use tubes with phase separator
Fasting sample required
This is a panel of analyses, which must be sent in full to Eurofins Biomnis, without being separated
It is essential to identify the nature of the sample on each tube sent.
Do not combine the Juvenalis report and the Eurofins Biomnis report in the same file.

FGF23 - Fibroblast Growth Factor 23 - Plasma

FGF23 *

2 mL EDTA Plasma (do not use tube with separator) ° FROZEN

2 weeks ° Enzyme-immunoassay

Freeze the sample within 1 hour after sampling

Fibrotest - Actitest - . - serum

FIACT *

2 mL Non haemolysed serum ° Refrigerated

5 days ° Biochemistry

Enclose the specific information form R40 INT GB
Fasting sample required
Analysis not feasible for patients < 2 years

FibroMeter

FIB3 *

3 mL serum: frozen
1 mL citrated plasma: frozen °

1 week ° Chemistry, nephelometry, Enzyme-immunoassay, coagulation

Identify clearly on the tubes if PLASMA or SERUM
Fasting sample required
Enclose the specific clinical information form (R17-INTGB : Fibrometers)
Analysis not feasible for patients <18 years
Please attach the platelet levels performed for the patient.

Factor I - Fibrinogen - activity - plasma

FIBRI *

2 mL Citrated Plasma ° FROZEN

1 day ° Chronometric method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Fibrotest - . - serum — FIBRO *

2 mL Non haemolysed serum ° Refrigerated

5 days °

Enclose the specific information form R40 INT GB
Fasting sample required
Analysis not feasible for patients < 2 years

Filariasis - serology - serum — FIL

1 x 1 mL serum (do not use 10 mL tube) ° Refrigerated

8 days ° Enzyme-immunoassay

FibroMAX - . - serum — FIMAX *

3 mL Non haemolysed serum ° FROZEN

5 days ° Biochemistry

Fasting sample required
Serum to be centrifuged after 30 minutes after sampling and decanted and frozen quickly
The patient's height and weight MUST be indicated.
Attach the specific clinical information form R42-INTGB Fibromax

FIP1L1-PDGFRA analysis (Molecular biology or FISH) - EDTA whole blood — FIPIL *

5 mL EDTA whole blood ° Ambient temperature

30 days °

Yellow Fever - immunity test - serum — FJAC *

2 mL Serum ° Refrigerated

15 days ° Neutralisation test

This test is designed to measure anti viral immunity

Tacrolimus - FK-506 — FK506

1 mL Sang total EDTA ° Refrigerated

4 days ° LCMS/MS

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
Residual level sample (just before administration)
EDTA- or heparin-anticoagulated whole blood (tubes without a separating gel)

Flecainide - Serum — FLECA *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

1 week ° LCMS/MS

Enclose the specific clinical information form (R13-INTGB : anti-arrhythmics)
One specific aliquot is required for this analysis.
Residual level sample (just before administration)

Free cortisol - Compound F - urine — FLU *

1 tube(s) Non acidified 24hrs urine collection ° Refrigerated

1 day ° CMIA

Specify diuresis

Fluconazole - Serum — FLUCO *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

1 week ° LCMS

Enclose the specific information form R8 INTGB anti-fungal agents and anti-tuberculosis drugs
One specific aliquot is required for this analysis.

Oral anticoagulants : Fluindione - Serum — FLUIN *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

2 weeks ° HPLC - High Performance Liquid Chromatography / DAD

Fluoxetine - serum — FLUOX

2 mL Serum (do not use tubes with separator gel) ° FROZEN

7 days ° Liquid chromatography / Tandem mass spectrometry (LC-TMS/MS)

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.
Always draw blood at the same time before another administration
The following examinations can be performed on the same sample: Citalopram; Duloxetine; Fluoxetine; Fluvoxamaine; Mirtazapine; Paroxetine; Sertraline; Venlaflaxine.

Fluvoxamine - serum — FLUVO

2 mL Serum (do not use tubes with separator gel) ° FROZEN

7 days ° Liquid chromatography / Tandem mass spectrometry (LC-TMS/MS)

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.
The following examinations can be performed on the same sample: Citalopram; Duloxetine; Fluoxetine; Fluvoxamaine; Mirtazapine; Paroxetine; Sertraline; Venlaflaxine.

Familial Mediterranean fever - MEFV gene - new generation sequencing — FMF

5 mL blood on EDTA. Do not use tubes with separator gel or beads. ° Ambient temperature

1 month ° Long Range PCR Amplification, Long Fragment Sequencing on Oxford Nanopore Technologies Platform.

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Enclose the specific clinical information form (R36-INTGB : Familial Mediterranean Fever gene study)
Sample must be refrigerated if transport is > 48 hours
Send the tube within 48 hours.
Enclose the specific B12-INTGB request form: Molecular Genetics

Folic acid - serum — FOL *

1 mL Non-hemolysed serum ° FROZEN before sending

1 day ° Chemiluminescence

Fasting sample required

Erythrocyte folic acid — FOLE *

2 mL total blood EDTA ° Refrigerated

1 day ° Chemiluminescence

Fasting sample required

Anti-Xa activity : Fondaparinux - Arixtra - plasma — FONDA *

1 mL Citrated Plasma ° FROZEN

1 day ° Chromogenic method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
Freeze the sample within one hour. Home collection is not recommended.
ALWAYS specify the current anticoagulant treatment (dosage) and the injection and sampling times
Collect the sample 3 - 4 hours following the injection
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Fosfomycin - Serum — FOSFO *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

1 week ° Microbiological method

Enclose the specific clinical information form (R18-INTGB : Infectious agents)
Always draw blood at the same time before another administration
Always specify the clinical context : efficiency or toxicity

Rheumatoid factors - serum — FR *

1 x 1 mL Serum ° Refrigerated

2 days ° Enzymoimmunologie (ELISA)

Rheumatoid factors - IgA - serum — FRA *

1 mL Serum ° Refrigerated

1 week ° Enzyme-immunoassay

DNA fragmentation test - DNA decondensation - SCSA - Sperm — FRASP *

2 x 300 µL Sperm (imperative volume) ° FROZEN

2 weeks ° Flow Cytometry

Sample must be taken after 3-5 days of abstinence.
.
Freeze the sample within 1 hour after sampling
Estimate the sperm concentration (this must be greater than 2 millions/mL, any lower and the test cannot be carried out).
Also note the vitality of the sperm (% live sperm).
2 x 300 µLSperm (imperative volume) frozen - 25 ° C at least within 1 hour.
Enclose the specific clinical information form (R2-INTGB : Sperm DNA fragmentation test)
Refer the sampling protocol P22 to prepare sample for this test

Friedreich ataxia - EDTA whole blood — FRIED *

5 mL EDTA whole blood ° Ambient temperature

4 weeks ° NOVATEC

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Enclose the specific B12-INTGB request form: Molecular Genetics

Fructosamine - serum — FRUC *

1 mL Non haemolysed serum ° Refrigerated

1 day ° Chemistry - Spectrophotometry

Fructose - seminal plasma — FRUSP

1 mL Seminal plasma on fluoridated tube ° FROZEN

15 days ° Chemistry - Spectrophotometry

Sample to be collected after 2 to 5 days of abstinence.
Always indicate the ejaculate volume, the pH, sperms count and abstinence period.
Centrifuge and freeze the supernatant immediately.

Leukocyte Count Detailed — FS

2 Non-stained thin blood smears ° Ambient temperature

2 days ° Staining and microscopic analysis

Use the specific request form B8-INTGB: Malignant blood disorders

T25 : Slide cases (blood film or bone marrow analysis)

FSH - Follicle-stimulating hormone - serum — FSH *

1 x 1 mL Serum ° Refrigerated

1 day ° chimiluminescence (CMIA)

Attach age and period of cycle
Attach the clinical data

FSH - Follicle-stimulating hormone — FSH2T *

1 mL 1 mL serum T0
1 mL serum T1 ° Refrigerated

1 day ° chimiluminescence (CMIA)

Attach age and period of cycle
Attach the clinical data

FSH - Follicle-stimulating hormone — FSH3T *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2 ° Refrigerated

1 day ° chimiluminescence (CMIA)

Attach age and period of cycle
Attach the clinical data

FSH - Follicle-stimulating hormone

FSH4T *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3 ° Refrigerated

1 day ° chimiluminescence (CMIA)

Attach age and period of cycle
Attach the clinical data

FSH - Follicle-stimulating hormone

FSH5T *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4 ° Refrigerated

1 day ° chimiluminescence (CMIA)

Attach age and period of cycle
Attach the clinical data

FSH - Follicle-stimulating hormone

FSH6T *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 mL serum T5 ° Refrigerated

1 day ° chimiluminescence (CMIA)

Attach age and period of cycle
Attach the clinical data

FSH - Follicle-stimulating hormone 7 time

FSH7T *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 mL serum T5
1 mL serum T6 ° Refrigerated

1 day ° chimiluminescence (CMIA)

Attach age and period of cycle
Attach the clinical data

FSH - Follicle-stimulating hormone 8 time

FSH8T *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 mL serum T5
1 mL serum T6
1 mL serum T7 ° Refrigerated

1 day ° chimiluminescence (CMIA)

Attach age and period of cycle
Attach the clinical data

FSH - Follicle-stimulating hormone 9 time

FSH9T *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 mL serum T5
1 mL serum T6
1 mL serum T7
1 mL serum T8 ° Refrigerated

1 day ° chimiluminescence (CMIA)

Attach age and period of cycle
Attach the clinical data
ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

FSH - Follicle-stimulating hormone - urines

FSHU *

1 tube(s) Non acidified 24hrs urine collection ° Refrigerated

15 days ° Chemiluminescence

This test automatically includes the urine FSH level for children
Specify diuresis

Ferritin - serum

FT *

1 mL Serum ° Refrigerated

1 day ° Chemiluminescence

ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Free T3 - Free triiodothyronine - serum

FT3 *

1 mL Serum ° Refrigerated

2 days ° Electrochemiluminescence

ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Free T4 - Free thyroxine - serum

FT4 *

1 mL Serum ° Refrigerated

1 day ° Electrochemiluminescence

ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Ferritin glycosylated

FTGLY *

2 mL Serum ° FROZEN

2 weeks ° Enzyme-immunoassay

Sample has to be centrifugated straight after sampling
One specific aliquot is required for this analysis.
Centrifuge, decant, and store frozen for shipping.
Assay performed if serum ferritin level is greater than 100 µg/L
Not to be performed on EDTA plasma

Furosemide

FUROS *

1 x 1 mL Heparinized plasma ° Refrigerated

2 weeks ° HPLC - High Performance Liquid Chromatography / UV detection

Gel tube not to be used
Specify:
- the reasons for the prescription (efficiency and/or toxicity test),
- the sampling time
- the treatment start date and/or the date of any change of dosage
- the dosage data (quantity administered, frequency, administration route),
- the subject's age, height and weight if possible.

Furosemide - urine

FUROU *

1 tube(s) urine ° Refrigerated

2 weeks ° HPLC - High Performance Liquid Chromatography / UV detection

Specify:
- the reasons for the prescription (efficiency and/or toxicity test),
- the sampling time
- the treatment start date and/or the date of any change of dosage
- the dosage data (quantity administered, frequency, administration route),
- the subject's age, height and weight if possible.

Fibrometer VCTE (with FibroScan)

FVCTE *

3 mL serum: frozen
1 mL citrated plasma: frozen °

1 week ° Chemistry, nephelometry, Enzyme-immunoassay, coagulation

Identify clearly on the tubes if PLASMA or SERUM
Fasting sample required
Enclose the specific clinical information form (R17-INTGB : Fibrometers)
Analysis not feasible for patients <18 years
All tests must be performed in Biomnis to obtain the FibroMeter risk calculation
Please attach the platelet levels performed for the patient.

Glucose 6-phosphatase (GSD Ia)

G6PC *

liver (3mg) : Frozen
2 mL EDTA blood : Ambient °

3 weeks °

G6PD - Glucose-6- phosphate dehydrogenase

G6PD *

2 mL Whole blood EDTA excusively ° Refrigerated

2 days ° Enzymatic method

The dosage must imperatively be carried out at a distance from a blood transfusion (> 3 months).
Specify the FBC results: red blood cells and haemoglobin

Glucose 6-phosphate translocase (GSD Ib/c)

G6SD *

liver (3mg) : Frozen
2 mL EDTA blood : Ambient °

3 weeks °

Gabapentin - serum — GAB

1 mL Serum (do not use tubes with separator gel) ° FROZEN

7 days ° LCMS/MS

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.
Always draw blood at the same time before another administration
The following tests can be performed on the same sample: Gabapentin; Oxacarbazepine/10-OH-Carbazepine; Topiramate; Lacosamide

Influenza - direct diagnosis - PCR — GABPC

[Indéfinie] Nasopharyngeal swab ° Refrigerated

2 days ° Real-time PCR

Use M4RT medium
The use of the purple S14UK transport bag is MANDATORY
Other acceptable transport media: eSwab, Transwab and UTM. Alternatively, an Amies transport medium is acceptable.

S14: Special mycobacteria transport bags are to be used

Anti-GAD antibodies - serum — GAD

1 x 1 mL serum (do not use 10 mL tube) ° Refrigerated

2 days ° Chemiluminescence

Serum not hemolysed

3-Alpha-Androstanediol Glucuronide - serum — GADIO *

2 mL Serum ° Refrigerated

2 weeks ° Chromatography - Extraction - Radioimmunoassay

Anti-GAD antibodies - CSF — GADPL

1 mL CSF ° Refrigerated

3 days ° Immunodot

scabies - screening — GALER *

Skin or dander squames in a sterile vial ° Ambient temperature

3 days ° Microscopy

Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology
The use of the purple S14UK transport bag is MANDATORY
Delivery time: 1 week
Storage: room temperature, delivery: refrigerated
Swabs not accepted

S14: Special mycobacteria transport bags are to be used

Galactose-1-Phosphate Uridyl transferase - EDTA whole blood — GALT *

1 mL EDTA whole blood ° Ambient temperature

3 weeks °

IgA/G/M - Immunoglobulins A/G/M - serum — GAM *

2 mL Serum ° Refrigerated

1 day ° Immuno turbidimetry

ALWAYS specify the patient's age and gender

Ganciclovir - plasma — GANCI *

2 mL Heparin Plasma ° FROZEN

3 to 4 weeks ° HPLC - High Performance Liquid Chromatography

Freeze the sample within an hour. Home not recommended
Sample Processing:
- centrifuge the sample for 10 minutes at 4000 rpm and 4°C,
-decant
- Freeze immediately

Specify the dose administered, the times of administration and collection, and the patient's weight. Specify if renal impairment
1 specific aliquot for this analysis.

Gastrin - serum — GAST *

1 mL Non haemolysed serum ° FROZEN

5 days ° Radioimmunoassay

After fasting period of minimum 10 to 12 hours
One specific aliquot is required for this analysis.

Gastrin — GAST2 *

1 mL 1 mL serum T0
1 mL serum T1 ° FROZEN

5 days ° Radioimmunoassay

After fasting period of minimum 10 to 12 hours
After removing the coagulated mass, quickly centrifuge the sample to separate the serum.
One specific aliquot is required for this analysis.

Gastrin — GAST3 *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2 ° FROZEN

5 days ° Radioimmunoassay

Gastrin — GAST4 *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3 ° FROZEN

5 days ° Radioimmunoassay

Gastrin — GAST5 *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4 ° FROZEN

5 days ° Radioimmunoassay

Gastrin — GAST6 *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 mL serum T5 ° FROZEN

Gastrin 7 time — GAST7 *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 mL serum T5
1 mL serum T6 ° FROZEN

5 days ° Radioimmunoassay

COVID-19 (SARS-CoV-2) IgG serology anti-S — GCOV *

1 mL Serum no hémolysed (no 10 mL tube) ° Refrigerated

2 days ° Chemiluminescence

To be performed during the immunological phase only, from day 7 - day 14 after the appearance of the initial clinical symptoms
Refrigerated if delivered within 21 days

Clostridium difficile - Glutamate dehydrogenase (GDH) screening (+toxins)-stool — GDH

Fresh stool specimen ° Refrigerated

1 day ° Enzyme-immunoassay

.
If refrigerated, the sample must be processed at our laboratory within 72h from its collection. If sample older than 72h, please freeze.
This test is performed twice a week only (Mondays and Fridays). Please bear this in mind before you ship your request/sample.
Use purple bag (our ref. S14) for transport.
Please ensure that the sample's freezing and thawing dates and times are stated on the request form.
Failing to comply with any or all of the above may result in a non-conformity and our inability to perform the test.

S14: Special mycobacteria transport bags are to be used

Hepatitis C - genotyping — GENC *

1.5 mL Serum or Heparin plasma ° FROZEN

7 days ° Real-time PCR

The test will only be performed if the viral load has recently been performed. Please ensure you enclose the result of the recent viral load test.
One specific aliquot is required for this analysis.
The minimum viral load to proceed with testing is 500 IU/mL

Hepatitis C — GENCS *

2 x 1.5 mL Serum or EDTA Plasma ° FROZEN

40 days ° Sequencing

The recommended viral load for this test is 2000 IU/mL.
However lower viral load may be tested
The test will only be performed if the viral load has recently been performed. Please ensure you enclose the result of the recent viral load test.

Gentamicine - Serum — GENT *

1 mL Serum ° Refrigerated

1 day ° Immunoenzymology

No gel tube
1 specific aliquot for this analysis
Enclose the specific clinical information form (R18-INTGB : Infectious agents)
Residual level = before injection; Peak = 30 min after end of infusion or 1 hr after IM injection

anti GFAP antibodies - Repeat testing - CSF - anti GFAP antibodies — GFAPE *

CSF ° Refrigerated

GH - Growth hormone - Serum — GH *

1 x 1 mL Serum ° FROZEN

2 days ° Electrochemiluminescence

Fasting sample required
Specify if patient is under Somavert (Pegvisomant) treatment

GH - Growth hormone 10 time — GH10T *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 mL serum T5
1 mL serum T6
1 mL serum T7
1 mL serum T8
1 mL serum T9 ° FROZEN

2 days ° Electrochemiluminescence

GH - Growth hormone 11 time — GH11T *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 mL serum T5
1 mL serum T6
1 mL serum T7
1 mL serum T8
1 mL serum T9
1 mL serum T10 ° FROZEN

2 days ° Electrochemiluminescence

GH - Growth hormone — GH2T *

1 mL 1 mL serum T0
1 mL serum T1 ° FROZEN

2 days ° Electrochemiluminescence

GH - Growth hormone — GH3T *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2 ° FROZEN

2 days ° Electrochemiluminescence

GH - Growth hormone — GH4T *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3 ° FROZEN

2 days ° Electrochemiluminescence

GH - Growth hormone — GH5T *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4 ° FROZEN

2 days ° Electrochemiluminescence

GH - Growth hormone

GH6T *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 mL serum T5 ° FROZEN

2 days ° Electrochemiluminescence

GH - Growth hormone 7 time

GH7T *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 mL serum T5
1 mL serum T6 ° FROZEN

2 days ° Electrochemiluminescence

GH - Growth hormone 8 time

GH8T *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 mL serum T5
1 mL serum T6
1 mL serum T7 ° FROZEN

2 days ° Electrochemiluminescence

GH - Growth hormone 9 time

GH9T *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 mL serum T5
1 mL serum T6
1 mL serum T7
1 mL serum T8 ° FROZEN

2 days ° Electrochemiluminescence

GHB - Gamma-hydroxybutyric acid - plasma

GHBS *

2 mL EDTA Plasma ° FROZEN

18 days ° Gas Phase Chromatography / Mass Spectrometry (GC-MS)

Freeze the sample within 4 hours after sampling
EDTA plasma removed imperatively within 6 hours after the facts
Please remember that the Eurofins Biomnis laboratory does not perform toxicological analysis for medico-legal purposes. Do not submit requests based on judicial requisition. Such analysis must be carried out by laboratories specialized in forensic expertise.

GHB - Gamma-hydroxybutyric acid - urines

GHBU *

5 mL Urines ° FROZEN

15 days ° Gas Phase Chromatography / Mass Spectrometry (GC-MS)

Freeze the sample within one hour. Home collection is not recommended.
One specific aliquot is required for this analysis.
Please remember that the Eurofins Biomnis laboratory does not perform toxicological analysis for medico-legal purposes. Do not submit requests based on judicial requisition. Such analysis must be carried out by laboratories specialized in forensic expertise.
Urine sample must be collected within 12 hours of the eventwithin one hour.

Ghrelin - acylated and non acylated - plasma

GHREL *

EDTA Plasma ° FROZEN

60 days °

Centrifuge, Decant, Freeze the serum sample within 1 hour
Collect two samples:
- 500 µL of plasma for acylated Ghrelin level
- 200 µL (IMPERATIVE) of plasma for non acylated Ghrelin level. If the volume is different, please specify it on the sample tube and the request form

GHRH - Growth-Hormone-Releasing-Hormone - plasma

GHRH *

1 mL EDTA Plasma + Aprotinine ° FROZEN

1 month ° Radioimmunoassay

Enclose the specific clinical information form (R48-INTGB : GHRH)
Sample on special tube (EDTA + Aprotinin) supplied on request.
Special tube (EDTA + Aprotonin) supplied upon request.
Centrifuge at +4°C and FREEZE the plasma immediately.

T2 : EDTA + aprotinine tube

Gilbert Syndrome - Screening for UGT1A1*28 (rs8175347) polymorphism — GILB

5 mL Whole blood on lithium heparin or whole blood on EDTA, avoid tubes containing beads. ° Refrigerated

1 week ° Real-time PCR

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription. Enclose the specific B12-INTGB request form: Molecular Genetics

Gastrointestinal Panel - direct diagnosis - PCR - Stools — GIP

Stools ° Refrigerated

1 day ° Real-time PCR

The use of the purple S14UK transport bag is MANDATORY
stool samples must be sent as they are, in sterile bottles.

DNA NGS Panel solid tumor GIST — GIST

FFPE scrolls (6 scrolls of 10µm) or unstained slides (6 unstained 10µm slides), accompanied by an H&E slide with the tumor area circled strongly recommended when the tumor cellularity is <30% or an FFPE tumor block, or extracted DNA. ° Ambient temperature

14 days ° Detection of variants in a targeted gene panel using massively parallel sequencing (MPS).

For tumor tissue scrolls, a 1.5 mL Eppendorf tube (reference: Eppendorf tubes 3810X, 1.5 mL) is strongly recommended.
Use the specific request form B9-INTGB: Oncology-Solid tumors
The use of the S25UK transport bag is Mandatory.
Attach the anatomopathological report

S25 : Envelope Genetics and Molecular Oncology

Anti deamidated gliadin peptides antibodies IgA - IgA - serum — GLIAA

1 mL serum (do not use 10 mL tube) ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay

During the assay of the IgA anti-gliadin antibodies, if there is an alarm causing us to suspect a deficit in total IgA, the assay of total IgA and the assay of anti-transglutaminase IgG antibodies will be carried out in order to make the diagnosis of coeliac disease.

Anti deamidated gliadin peptides antibodies IgA - IgG - serum — GLIAG

1 mL serum (do not use 10 mL tube) ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay

Glibenclamide - serum — GLIBE *

2 mL Serum ° Refrigerated

Variable TAT ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R18-INTGB : Infectious agents)

Juvenalis - Panel - GlobalCheck — GLOB *

2 x 2 mL (plasma hépariné (Tubes sans gel séparateur)) 2 x 2 ml heparin plasma (without separating gel): refrigerated; 4 x 1 ml serum (without separating gel): refrigerated; 3 x 1 ml serum (without separating gel): frozen; 1 ml citrated plasma: frozen; 1 ml fluorinated plasma: frozen; 5 ml EDTA: refrigerated; 4 ml morning urine: refrigerated; 2 saliva samples (T0 and T30): frozen °

3 weeks °

Do not use tubes with phase separator
Fasting sample required
Saliva: first collection to be done when you wake up, second collection 30 minutes later, without eating, sleeping, or brushing your teeth (possible contamination by blood) but with usual morning activity. The collection can be carried out on 2 salivettes, compacts, sterile tubes, identified, time-stamped and frozen.
Do not combine the Juvenalis report and the Eurofins Biomnis report in the same file.

Glucagon - plasma — GLUC *

1 mL EDTA plasma + Aprotinine - non haemolysed ° FROZEN

2 weeks (if dilution/control needed - TAT 4 weeks ° Radioimmunoassay

Sample on special tube (EDTA + Aprotinin) supplied on request.
Special tube (EDTA + Aprotonin) supplied upon request.
Centrifuge at +4°C and FREEZE the plasma immediately.

T2 : EDTA + aprotinine tube

Glutathione peroxidase - plasma — GLUPS *

1 mL Lithium heparin plasma ° FROZEN

3 weeks ° Chemistry - Spectrophotometry

Freeze the sample within one hour. Home collection is not recommended.
1 frozen aliquot specific for this analysis.
Centrifugation at a controlled temperature (10 minutes at 2800g)

Glucose — GLY2 *

1 mL 1 mL Plasma fluore T0
1 mL Plasma fluore T1 ° FROZEN

1 day ° Chemistry - Spectrophotometry

Serum or heparinized plasma is acceptable if centrifuged, separated, and FROZEN within 30 minutes after collection.

Glucose

GLY3 *

1 mL 1 mL Plasma fluore T0
1 mL Plasma fluore T1
1 mL plasma fluoré T2 ° FROZEN

1 day ° Chemistry - Spectrophotometry

Serum taken during fasting

Glucose

GLY4 *

1 mL 1 mL Plasma fluore T0
1 mL Plasma fluore T1
1 mL plasma fluore T2
1 mL plasma fluore T3 ° FROZEN

1 day ° Chemistry - Spectrophotometry

Serum or heparinized plasma is acceptable if centrifuged, separated, and FROZEN within 30 minutes after collection.

Glucose

GLY5 *

1 mL 1 mL Plasma fluore T0
1 mL Plasma fluore T1
1 mL plasma fluore T2
1 mL plasma fluore T3
1 mL plasma fluore T4 ° FROZEN

1 day ° Chemistry - Spectrophotometry

Serum or heparinized plasma is acceptable if centrifuged, separated, and FROZEN within 30 minutes after collection.

Glucose

GLY6 *

1 mL 1 mL Plasma fluore T0
1 mL Plasma fluore T1
1 mL plasma fluore T2
1 mL plasma fluore T3
1 mL plasma fluore T4
1 mL plasma fluore T5 ° FROZEN

1 day ° Chemistry - Spectrophotometry

Serum or heparinized plasma is acceptable if centrifuged, separated, and FROZEN within 30 minutes after collection.

Glucose 7 time

GLY7 *

1 mL [To be translated] ° FROZEN

1 day ° Chemistry - Spectrophotometry

Serum or heparinized plasma is acceptable if centrifuged, separated, and FROZEN within 30 minutes after collection.

Glycogen — GLYCG *

Tissue (3mg): Frozen
2 mL EDTA blood : Ambient °

3 weeks °

Glycine - plasma — GLYCI

1 mL Heparin Plasma ° FROZEN

1 week ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R1-INTGB : Amino Acids - Organic Acids)
Freeze the sample within one hour. Home collection is not recommended.
Sample in a fasting state (for infants, draw sample 3-4 hours after bottle)
One specific aliquot is required for this analysis.

Gycolic acid - urines — GLYCU *

10 mL 24hr or random urine sample (child) ° FROZEN

3 weeks °

Attach the specific clinical information form (R26-INTGB: Metabolic Biochemistry)

Glucose - biological fluid — GLYD *

1 mL Biological fluid ° FROZEN

2 days ° Chemistry - Spectrophotometry

Active glyphosate - screening and dosage - urines — GLYPU *

2 x 4 mL Urines ° FROZEN

4 weeks ° LCMS/MS

Use specific request form B107: Endocrine disruptors and environmental toxicology

Anti-glycolipid antibodies - serum — GM1

1 mL serum (do not use 10 mL tube) ° Refrigerated

4 days ° Immunoblot

Anti-glycolipid antibodies - CSF

GM1PL

500 µL CSF ° Refrigerated

4 days ° Immunoblot

Gnathostomiasis - serology - serum

GNATH *

1 mL Serum ° Refrigerated

1 month ° Western-Blot

Golimumab - serum

GOLIM *

1 mL Serum ° FROZEN before sending

30 days ° Enzyme-immunoassay

Enclose the specific clinical information form (R49G-INTGB)
Always draw blood at the same time before another administration
Please attach the specific clinical information sheet (R46 : Anti-TNF)

Anti-GP210 antibodies - serum

GPAC *

2 mL Serum ° Refrigerated

3 days ° Immunodot

Génotypage plaquettaire foetal non invasif - Maternal blood

GPFOE *

20 mL (sur tube Cell-free DNA) Maternal blood °

15 days °

Platelet typing - EDTA whole blood

GPLAQ *

3 x 5 mL EDTA whole blood ° Ambient temperature

1 week ° Molecular biology

Please attach the specific clinical information form (R44 INTGB : Platelet Immunology or R45-INTGB: Investigation for foetal/neonatal thrombocytopenia in newborns)

Fatty acids with very long chains - C22 to C26 - plasma

GRALE *

2 mL EDTA plasma or Heparin plasma ° FROZEN

2 weeks ° Chromatography - Colorimetry

Freeze the sample within one hour. Home collection is not recommended.

Fatty acids free non-esterified - serum

GRAS *

1 mL Serum ° FROZEN

15 days ° Colorimetry

Sample in a fasting state (for infants, draw sample 3-4 hours after bottle)
Freeze the sample within 1 hour after sampling
Attach the clinical data

Fatty acids of erythrocyte menbrane - chromatography - Total EDTA blood - Fatty free acide

GRASE

5 mL Total EDTA blood ° Refrigerated

21 days ° Gas Phase Chromatography

1 specific aliquot for this analysis
Stability duration and temperature: 4 days at +4°C

Fetal RHc - genotyping

GRHC *

3 x 5 mL Maternal whole blood ° Ambient temperature

15 days ° Real-time PCR

ALWAYS attach the specific clinical information form (R22-INTG : fetal group determination)
Samples to be collected from Monday to Wednesday
Sample from 13 weeks of amenorhea
ALWAYS confirm the conception date and the father RH2/ RH4 phenotype
The sample MUST reach us within 48 hours following sample collection.
ALWAYS attach the consent form signed by the patient and the clinician, as well as the patient¿s history

Rhesus D - foetal genotype

GRHDX *

2 x 5 mL Maternal Uncentrifuged Whole Blood EDTA (Tubes without Separator Gel) ° Ambient temperature

3 days ° Real time TaqMan PCR

1 specific aliquot for this analysis
kit provided on request K37 (Rhesus D fetal genotyping)
Sample MUST be forwarded to Eurofins Biomnis within 10 days maximum after the blood collection
Always attach of photocopy of the patient's blood card
Please indicate the pregnancy start date
In case the patient is known with anti-D alloimmunisation, please indicate YES/NO
Without specific information on previous alloimmunisation, please attach the latest results of indirect antiglobulin test (IAT)
Use the specific request form (B37-INTGB: Foetal Rhesus D Genotyping)
This test cannot be performed before 11 amenorrhea weeks.

Rhesus genotyping requisitions (leaflets)

Fetal RH3(E) - genotyping

GRHE *

3 x 5 mL Maternal whole blood ° Ambient temperature

15 days ° Real-time PCR

ALWAYS attach the specific clinical information form (R22-INTG : fetal group determination)
Samples to be collected from Monday to Wednesday
Sample from 13 weeks of amenorhea
ALWAYS confirm the conception date and the father RH3/ RH5 phenotype
The sample MUST reach us within 48 hours following sample collection.
ALWAYS attach the consent form signed by the patient and the clinician, as well as the patient¿s history

Bartonellosis - B. henselae - B. quintana - IgG serology - serum

GRIF

1 x 1 mL serum (do not use 10 mL tube) ° Refrigerated

3 days ° Immunofluorescence

If positif,titration will also be performed

Bartonellosis - direct diagnosis - PCR

GRIFB

[Indéfinie] Lymph node puncture or biopsy, cardiac valve, liver biopsy, EDTA whole blood or serum /EDTA plasma (2 mL minimum), CSF (0.5 mL minimum), aqueous humor. ° Refrigerated

4 days ° Real-time PCR

Biopsies should be placed as they are, in a dry tube
The use of the purple S14UK transport bag is MANDATORY

Influenza A and B - IgG serology - serum

GRIP

1 mL serum (do not use 10 mL tube) ° Refrigerated

8 days ° SERION ELISA classic

ABO blood grouping - RH1(D)

GROUP *

5 mL EDTA whole blood (do not use tubes with separator gel) ° Refrigerated

1 day; if an abnormality is detected that requires further tests, the timeframe is extended to 2 days ° Gel-filtration

Enclose the specific clinical information form (R3-INTGB : Immunology-haematology (IA))
Please specify the patients full civil status on the request form and primary tube: maiden name, married name or surname used, full first name, gender and date of birth.
Please send us the primary tube.
Please also send us any recent blood transfusion details (in the last 4 months). Indicate any technical difficulties encountered during ABO-RH1 blood group testing.
RH-KEL1 phenotyping is systematically performed for ABO-RH1 grouping

Branching enzyme (GSD IV) - EDTA whole blood

GSD4 *

2 mL EDTA whole blood ° Ambient temperature

3 weeks °

Guanidinoacetate and creatine - plasma

GUANI *

3 mL Heparin Plasma ° FROZEN

1 month °

Attach the specific clinical information form (R26-INTGB: Metabolic Biochemistry)
Freeze the sample within one hour. Home collection is not recommended.
One specific aliquot is required for this analysis.

Guanidinoacetate and creatine - urine

GUANU *

10 mL Urine - random urine or 24 hour urine ° FROZEN

1 month °

Glycogen - synthase (GSD 0) — GYS12 *

Tissue (3mg): Frozen
2 mL EDTA blood : Ambient °

3 weeks °

Haemochromatosis - HFE gene - p.His63Asp mutation — H63D

5 mL Whole blood EDTA (only), do not use tubes containing beads. ° Ambient temperature

4 days ° LAMP PCR

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Sample must be refrigerated if transport is > 48 hours
Enclose the specific B12-INTGB request form: Molecular Genetics

Haemophilus ducreyi - direct diagnosis - PCR — HAEBM

[Indéfinie] Cervical, urethral, vaginal, anal swabbing ° Refrigerated

6 days ° Real-time PCR

Use M4RT medium
The use of the purple S14UK transport bag is MANDATORY
Samples (other than swabs) must be sent as is, in a sterile container, without transport medium.
Other acceptable transport media: eSwab, Transwab and UTM. Alternatively, an Amies transport medium is acceptable.

S14: Special mycobacteria transport bags are to be used

Haloperidol — HALO

2 mL lithium heparin plasma (do not use tubes with separator gel) ° Refrigerated

1 week ° Liquid chromatography / Tandem mass spectrometry (LC-TMS/MS)

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.
Always draw blood at the same time before another administration
The following tests can be performed on the same sample: Aripiprazole; Clozapine; Haloperidol; Olanzapine; Quetiapine; Risperidone.

Hantavirus - IgG/IgM serology - serum — HANTA

1 mL serum (do not use 10 mL tube) ° Refrigerated

8 days ° Immunofluorescence

Haptoglobin - serum — HAP *

1 mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

ALWAYS specify the patient's age and gender

Metabolites of PAH (Polycyclic Aromatic Hydrocarbons) - urine — HAPSU *

1 x 5 mL Urine ° FROZEN

3 weeks ° GC-MSMS

Hepatitis A - IgG immunity screening - serum — HAVAC *

1 mL Serum ° Refrigerated

2 days ° EIA

Storage temperature (2-8°C) < 7 days during transport of specimen.

Hepatitis A - IgM antibody - serum — HAVM *

1 mL Serum ° Refrigerated

2 days ° EIA

Storage temperature (2-8°C) < 7 days during transport of specimen.

Haemoglobin glycosylated - HbA1c - EDTA whole blood — HBA1C *

2 mL EDTA whole blood ° Refrigerated

4 days ° HPLC (High-Performance Liquid Chromatography)

Globin - Screening for alpha or beta gene - postnatal

HBBM *

7 mL EDTA whole blood for adults
5 mL EDTA whole blood for children ° Ambient temperature

60 days °

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription. It is essential to attach the results of the complete blood count, haemoglobin electrophoresis (plan to perform the analysis if not already done) and iron status assessment (ferritin at a minimum).

Genetic testing is not performed as a first-line investigation except in the context of pre-implantation genetic diagnosis (PGD), to be specified in the request.

Hepatitis B - total anti-HBc antibodies - serum

HBCAC *

1 mL Serum ° Refrigerated

2 days ° EIA

Storage temperature (2-8°C) < 7 days during transport of specimen.

Hepatitis B - anti-HBc antibodies - IgM - serum

HBCM *

1 mL Serum ° Refrigerated

2 days ° EIA

Hepatitis B - anti-HBe antibodies - serum

HBEAC *

1 mL Serum ° Refrigerated

2 days ° EIA

Storage temperature (2-8°C) < 7 days during transport of specimen.

Hepatitis B - HBe antigen - serum

HBEAG *

1 mL Serum ° Refrigerated

2 days ° EIA

Storage temperature (2-8°C) < 7 days during transport of specimen.

Hepatitis B - anti-HBs antibodies - titration - serum — HBSAC *

1 mL Serum ° Refrigerated

2 days ° EIA

Storage temperature (2-8°C) < 7 days during transport of specimen.

Hepatitis B - Qualitative HBs antigen - serum — HBSAG *

1 mL Serum ° Refrigerated

2 days ° EIA

Storage temperature (2-8°C) < 7 days during transport of specimen.
With neutralisation test if positive

Hepatitis B - HBs antigen - quantitative - serum — HBSGQ *

1 mL Serum ° Refrigerated

2 days ° EIA

Storage temperature (2-8°C) < 7 days during transport of specimen.

Hepatitis B Screening and/or diagnosis of hepatitis B (HBsAg, anti-HBs, anti-HBc) - serum — HBVD *

1 x 3 mL Serum ° Refrigerated

2 days ° EIA

Storage temperature (2-8°C) < 7 days during transport of specimen.
With neutralisation test if positive

hcG dimeric molecule (alpha + beta) - biological fluid — HCGD *

1 mL Biological fluid ° FROZEN before sending

1 day ° Radioimmunoassay

Attach the clinical data

Total HCG (HCG dimer + beta fraction) - serum — HCGT *

1 mL Serum ° FROZEN

3 days ° Radioimmunoassay

Hydroxychloroquine - EDTA whole blood — HCHLO

2 mL EDTA whole blood ° FROZEN

12 days ° LC-MS/MS

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.
Take a residual measurement (just before taking the medication) taken at steady state (5 half-lives at constant dosage).
stable for 12 days at -20°C

Hepatitis C - screening serology - Serum — HCVAC *

1 mL Serum ° Refrigerated

2 days ° Chemiluminescence

Hepatitis C - viral RNA detection - PCR - serum — HCVBM *

2 x 1.5 mL Serum ° FROZEN

1 day ° Real Time TMA

One specific aliquot is required for this analysis.

HDL cholesterol - serum — HDL *

1 mL Serum ° Refrigerated

1 day ° Chemistry - Spectrophotometry

ALWAYS sample in the fasting state

HE4- ROMA calculation - serum — HE4 *

1 x 1 mL Serum ° FROZEN

1 day ° Electrochemiluminescence

For the ROMA algorithm, HE4 and CA125 are assayed with the same technology, which does not authorise integration of results sent for CA125.
ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Haemophilus influenzae B - IgG serology - serum — HEIN

1 mL serum (do not use 10 mL tube) ° Refrigerated

8 days ° Enzyme-immunoassay

This test is reserved for post-vaccination testing

Helicobacter pylori - culture — HELCU

Antral and/or fundal biopsies ° Refrigerated

18 days ° Culture

.
MIC will be automatically performed and charged in case of positive culture
Using the purple S14 carrying bag
Use special agar transport medium T8 (supplied upon request) for sample - store out of light.
Must be tested no later than 48 hours after the collection of biopsies in the case of refrigerated shipments.
If the delay is > 48 hours, the sample must be frozen by the referring laboratory and then sent FROZEN. Indicate the dates of freezing of the sample.
To ensure compliance with the pre-analytic phase time limit, please take into account the days required for the test (Monday to Friday, excluding holidays).

T8 : Helicobacter pylory (culture & transport media)

Helicobacter pylori - IgG serology - serum — HELI *

1 x 1 mL Serum ° Refrigerated

3 days ° Chemiluminescence

The test cannot be processed on the sample store for more than 7 days at 2°C-8°C (refregirated)

Helicobacter pylori - antigen - Stools — HELS

Stools ° Refrigerated

1 day ° Immunofluorescence

.
The use of the purple S14UK transport bag is MANDATORY
Must be processed within 7 days of stool collection if refrigerated. In order to respect the pre-analytical delay, please take into account the technical days of the analysis (Monday-Friday, excluding public holidays). If the delay is > 7 days, the sample must be frozen at the correspondent's premises and then sent in a purple S14 bag.

S14: Special mycobacteria transport bags are to be used

Haemopexin - serum — HEMOP *

1 mL Serum ° Refrigerated

1 week ° Nephelometry

Anti-Xa activity : Standard heparin - NFH - plasma — HEPAR *

1 mL Citrated Plasma ° FROZEN

1 day ° Chromogenic method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
Freeze the sample within one hour. Home collection is not recommended.
ALWAYS specify the current anticoagulant treatment (dosage) and the injection and sampling times
Syringe pump: testing times are irrelevant once the equilibrium state has been reached. Sub-cutaneous: collect samples at the mid-point between two injections.
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Herpes simplex virus 1/2 - HSV - direct diagnosis - PCR — HERBM

[Indéfinie] Mucocutaneous, genital, ocular, nasopharyngeal swabs, respiratory samples (bronchial aspirations, BAL), puncture fluids, digestive and liver biopsies, CSF
Whole blood, serum or plasma for neonates and immunocompromised/resuscitated patients ° Refrigerated

1 day ° Real-time PCR

Use M4RT medium
The use of the purple S14UK transport bag is MANDATORY
.
Samples (other than swabs) must be sent as is, in a sterile container, without transport medium.
Other acceptable transport media: eSwab, Transwab and UTM. Alternatively, an Amies transport medium is acceptable.

S14: Special mycobacteria transport bags are to be used

Herpes Simplex Virus-HSV1 IgG & HSV2 IgG - IgG serology - serum — HERHN *

1 mL Serum ° Refrigerated

3 days ° Chemiluminescence

Storage temperature (2-8°C) < 7 days during transport of specimen.

Herpes Simplex Virus-HSV1 IgG & HSV2 IgG - IgG serology - serum — HERPG *

1 x 1 mL Serum ° Refrigerated

3 days ° Chemiluminescence

Storage temperature (2-8°C) < 7 days during transport of specimen.

Herpes simplex virus 1/2 - HSV - IgM serology - serum — HERPM *

1 x 1 mL Serum ° Refrigerated

3 days ° Chemiluminescence

Storage temperature (2-8°C) < 7 days during transport of specimen.

Hepatitis E - direct diagnosis - PCR — HEVBM

[Indéfinie] Serum or EDTA Plasma, Stool ° Refrigerated

4 days ° PCR

The use of the purple S14UK transport bag is MANDATORY
.

Hepatitis E - IgG antibody - serum — HEVG

1 mL serum (do not use 10 mL tube) ° Refrigerated

5 days ° Enzyme-immunoassay

Hepatitis E - IgM antibody - serum — HEVM

1 x 1 mL serum (do not use 10 mL tube) ° Refrigerated

3 days ° Enzyme-immunoassay

IgM screening is performed in priority in order to diagnose acute HEV infection.

Mercury — HGST

2 mL Whole blood with EDTA, sodium heparin, or lithium heparin (do not use tubes with gel separators) ° Refrigerated

15 days ° ICP/MS

Do not use tubes containing merthiolate
Avoid seafood consumption 72 hours before sampling
Use specific request form B107: Endocrine disruptors and environmental toxicology

Mercury - Urine — HGU

2 mL Urine sample ° Refrigerated

15 days ° ICP/MS

Avoid seafood consumption 72 hours before sampling
Sample at end of work shift
Use specific request form B107: Endocrine disruptors and environmental toxicology

Herpes virus type 6 (HHV6) - IgG serology — HHV6G

1 mL serum (not a 10 mL tube) ° Refrigerated

8 days ° CLIA

Herpes virus type 6 (HHV6) - IgM serology — HHV6M *

1 mL serum (not a 10 mL tube) ° Refrigerated

8 days ° Indirect immunofluorescence

5-HIAA - 5-hydroxyindoleacetic acid - Urine — HIA

1 tube(s) Homogenized 24H urine ° FROZEN

4 days ° LCMS/MS

One specific aliquot is required for this analysis.
Specify the diuresis (volume of urine of 24H).
Freeze quickly after the end of the collection.
Urines have to be stored refrigerated during the collection process
DIET: within 48 hours prior to the assay, avoid consuming bananas, chocolate, dried fruit, citrus fruit, avocados, tomatoes, plums, kiwis, pineapples and molluscs.
Do not transmit pot

Steroids panel - Exploration of hirsutism — HIRSU *

5 mL Serum ° Refrigerated

3 days ° Radioimmunoassay

Enclose the specific information form R41-SB INT GB-Steroid panels

Anti-histone antibodies - serum — HISAC *

1 mL Serum ° Refrigerated

1 week ° Enzyme-immunoassay

Histamine — HISTP

1 mL Non hemolyzed EDTA plasma ° FROZEN

8 days ° Enzyme-immunoassay

No sampling on glass tubes
Gently invert the tube. Whole blood can be stored for 2 hours at room temperature or 4 hours at +4°C. During this time, centrifuge for 10 minutes at 900g. Gently aspirate the plasma, at least 1 cm from the sediment. After anaphylactic shock, collect 30 to 60 minutes after the onset of clinical signs (SFAR recommendations).

K2: Sampling kit - use only in case of anaphylactic shock

HIV1/2 - Human Immunodeficiency Virus - screening serology - serum — HIV *

1 mL Serum ° Refrigerated

2 days ° Chemiluminescence

Storage temperature (2-8°C) < 7 days during transport of specimen.

HIV-1: Qualitative RNA detection, suspected primary infection - serum — HIVBM *

1 x 5 mL Serum ° Refrigerated

1 day ° Real Time TMA

One specific aliquot is required for this analysis.
Qualitative detection of HIV-1 RNA as an alternative to p24 antigen testing in cases of suspected primary HIV-1 infection, or following a negative or indeterminate confirmatory test result.

HIV1 - Human Immunodeficiency Virus - viral load - Plasma — HIVQ *

2.5 mL EDTA Plasma (do not use tube with separator) ° FROZEN

1 day ° Real Time TMA

Use standard EDTA tubes with centrifugation then transfer the plasma into a new tube
One specific aliquot is required for this analysis.

HIV2 - Human Immunodeficiency Virus - viral load - Plasma — HIVQ2 *

2 x 2 mL EDTA Plasma (do not use tube with separator) ° FROZEN

15 days °

One specific aliquot is required for this analysis.

HIV - Human Immunodeficiency Virus - viral load - CSF

HIVQL *

1 mL CSF ° FROZEN

1 week ° PCR

One specific aliquot is required for this analysis.

Helicobacter pylori - 13C urea breath test - expired gas

HKIT

4 tube(s) Expired gas ° Ambient temperature

4 days ° Isotopic method

- Resting patient, fasting for a minimum of 6 hours (no drink, no food, no smoke)
- No antibiotic treatment for 4 weeks minimum before testing
- No Proton-pump inhibitor treatment for 2 weeks minimum before testing
- No antacids and gastro-intestinal protectants 24 hours before the test
- Have the patient blow gently into 15 seconds (until mist appear), then quickly replace properly the cap on the tube Perform the T30, 30 minutes after the T0 with a tolerance of 5 minutes more or less.

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Helicobacter pylori - 13C urea breath test - expired gas

HKITN

4 tube(s) Expired gas ° Ambient temperature

4 days ° Isotopic method

- Resting patient, fasting for a minimum of 6 hours (no drink, no food, no smoke)
- No antibiotic treatment for 4 weeks minimum before testing
- No Proton-pump inhibitor treatment for 2 weeks minimum before testing
- No antacids and gastro-intestinal protectants 24 hours before the test
- Have the patient blow gently into 15 seconds (until mist appear), then quickly replace properly the cap on the tube Perform the T30, 30 minutes after the T0 with a tolerance of 5 minutes more or less.

.

Class I HLA - HLA-A and HLA-B genotyping - EDTA whole blood — HLA1 *

5 mL EDTA whole blood ° Ambient temperature

5 days ° PCR SSO : Technologie Luminex®

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Sample must be refrigerated if transport is > 48 hours
We would remind you that we do not perform HLA genotyping as part of a histocompatibility study with a view to transplant or organ donation.

The results of this test can only be interpreted in the context of an association of HLA markers with certain diseases.
Enclose the specific B12-INTGB request form: Molecular Genetics

Class II HLA - HLA-DQ and HLA-DR genotyping - EDTA whole blood — HLA2 *

5 mL EDTA whole blood ° Ambient temperature

10 days ° PCR SSO : Technologie Luminex®

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Sample must be refrigerated if transport is > 48 hours
We would remind you that we do not perform HLA genotyping as part of a histocompatibility study with a view to transplant or organ donation.

The results of this test can only be interpreted in the context of an association of HLA markers with certain diseases.
Enclose the specific B12-INTGB request form: Molecular Genetics

Anti-HLA Antibodies - Classes I and II - Identification - serum — HLAAT *

5 mL Serum ° FROZEN

1 month °

anti-HLA antibodies - classes I and II - transplant - serum — HLACX *

5 mL Serum ° FROZEN

1 month ° Microlymphocytotoxicity assay

HLA class I and II - genotyping for transplants (International Division only) — HLAX *

2 x 5 mL EDTA whole blood ° Refrigerated

2 weeks ° NGS (high resolution)

Complete and attach the information form available on www.eurofins-biomnis.com together with the patient request form

HLA-C genotyping (HLA de classe I) - Total EDTA blood — HLCT *

2 x 5 mL (sang total EDTA) Total EDTA blood °

4 weeks ° PCR SSO

Sample must be refrigerated if transport is > 48 hours
Complete and attach the information form available on www.eurofins-biomnis.com together with the patient request form
Copy of the CNI and signed certificate and consent are essential.
If there is a request for the spouse, please give his/her name in the patient's file (Cf. infertility molecular genetics request form).

Haemochromatosis - HFE gene - p.Cys282Tyr mutation — HMC

5 mL Whole blood EDTA (only), do not use tubes containing beads. ° Ambient temperature

4 days ° LAMP PCR

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Sample must be refrigerated if transport is > 48 hours
Enclose the specific B12-INTGB request form: Molecular Genetics

Anti HMGCR antibodies - serum — HMGCR *

1 mL Serum ° Refrigerated

7 days ° Chemiluminescence

Homocysteine - plasma — HOCY *

1 x 1 mL Citrated Plasma ° FROZEN

1 day ° Automated latex immunoassay

Do not mistake to HOMOCYSTINE
Fasting sample required
[To be translated]

HOMA + QUICKI - index - serum — HOMA *

1 mL Non-hemolysed serum ° FROZEN

1 day °

Fasting sample required
It is essential to settle the serum without delay
Confirm the fasting blood sugar level performed on the same day as the sample collection for insulin (g/L)
This test already includes insulin (INS) measurement, so there is no need to add insulin in addition to HOMA.

Homogentisic acid — HOMO *

10 mL early morning urine sample (stored away from light) ° FROZEN

4 weeks ° Gas Phase Chromatography / Mass Spectrometry (GC-MS)

Attach the specific clinical information form (R26-INTGB: Metabolic Biochemistry)
Freeze the sample within one hour. Home collection is not recommended.

1-Hydroxypyrene - urine — HOPY *

10 mL urine sample ° Refrigerated

25 days ° Liquid Phase Chromatography / Fluorimetry

Sample at end of work shift

Helicobacter pylori and clarithromycin resistance gene - direct diagnosis - PCR — HPGEN

Antral and/or fundal biopsies ° Refrigerated

7 days ° Real-time PCR

The use of the purple S14UK transport bag is MANDATORY
Biopsies should be sent in a transport medium for Helicobacter pylori or as they are in a sterile vial.
Refrigerated if <= 72 h / frozen if > 72 h
En réfrigéré si délai <= 72 h / congelé si délai > 72h

T8 : Helicobacter pylory (culture & transport media)

Detection of high-risk HPV nucleic acids using a molecular technique as part of primary CCU screening — HPV *

Endo-exocervical swab in ThinPrep = PreservCyt® (Cytyc),BD SurePath® ° Ambient temperature

1 day ° Real-time PCR

[To be translated]
[To be translated]
The use of the S14UK transport bag is Red.
Avoid lubricating the speculum with a lubricant. Moisten the speculum with water if necessary.

K56 : Kit pour HPV

Detection of the HPV16 genome in the context of anal cancer screening — HPVAN

Anal swabbing or self-administered anal swabbing ° Refrigerated

8 days ° [To be translated]

Use M4RT medium or ThinPrep medium = PreservCyt®
Biopsies should be placed as they are, in a dry tube
Sample taken using a Cytobrush
The use of the purple S14UK transport bag is MANDATORY
Other acceptable transport media: eSwab, Transwab and UTM. Alternatively, an Amies transport medium is acceptable.

Papillomavirus - HPV Détection and Typing of 19 high-risk HPV and 18 low-risk HPV - PCR — HPVBM

[Indéfinie] Skin or mucous membrane biopsy, 1 ml laryngeal sample, Oropharyngeal sample, genital sample (endocervix, ureter) or 1 ml urine, 1 ml sperm, anal ° Refrigerated

8 days ° [To be translated]

Use M4RT medium
Use ThinPrep = PreservCyt® medium
Biopsies should be placed as they are, in a dry tube
The use of the purple S14UK transport bag is MANDATORY
Samples (other than swabs) must be sent as is, in a sterile container, without transport medium.
Other acceptable transport media: eSwab, Transwab and UTM. Alternatively, an Amies transport medium is acceptable.

S14: Special mycobacteria transport bags are to be used

HPV test for vaginal sampling or self-sampling — HPVPV *

(self-)vaginal swab ° Ambient temperature

1 day ° Real-time PCR

Use the specific request form B63 : HPV test on vaginal swab or self-sampling (FLOQSwabs® Copam supplied by us).
Recap the swab after vaginal sampling and do not discharge it into a transport medium. The dry swab should be transported.
If the result is positive, the patient should have a cervical cytology performed by her health professional on a new endocervical-exocervical sample

K63P : Vaginal swab for sampling or self-sampling for cervical cancer screening.FLOQSwabs® Copan swab supplied by us

Hydroquinidine - Serum — HQUIN *

3 mL Serum (do not use tubes with separator gel) ° FROZEN

1 week ° HPLC - High Performance Liquid Chromatography

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.
Always draw blood at the same time before another administration

Homologous recombination deficiency (HRD) and somatic mutations of the BRCA1 and BRCA2 genes — HRD

FFPE scrolls (6 scrolls of 10µm) or unstained slides (6 unstained 10µm slides), accompanied by an H&E slide with the tumor area circled strongly recommended when the tumor cellularity is <30% or an FFPE tumor block, or extracted DNA. ° Ambient temperature

14 days ° Detection of variants in a targeted gene panel using massively parallel sequencing (MPS).

For tumor tissue scrolls, a 1.5 mL Eppendorf tube (reference: Eppendorf tubes 3810X, 1.5 mL) is strongly recommended.
Use the specific request form B9-INTGB: Oncology-Solid tumors
The use of the S25UK transport bag is Mandatory.
Attach the anatomopathological report

S25 : Envelope Genetics and Molecular Oncology

Herpes simplex virus 1/2 - HSV - direct diagnosis - PCR - amniotic fluid — HSVLA

8 mL Amniotic fluid ° Refrigerated

4 days ° Real-time PCR

Attach the patient's informed consent (D44 consent_Post-Prenatal)
The use of the purple S14UK transport bag is MANDATORY
Use the specific form B3-INTGB: Cytogenetic

HTLV I/II Qualitative PCR - EDTA whole blood — HTLBM *

5 mL EDTA whole blood ° Refrigerated

2 weeks ° PCR + hybridisation

HTLV I/II - screening serology - serum — HTLV *

1 mL Serum ° Refrigerated

2 days ° Chemiluminescence

Storage temperature (2-8°C) < 14 days during transport of specimen.

Herpes virus type 6 (HHV6) - direct diagnosis - PCR — HV6BM

1 mL Bronchial aspirations, BAL, bone marrow (EDTA), aqueous humor, CSF: qualitative result ° Refrigerated

6 days ° Real-time PCR

Use M4RT medium
Swabs require the use of a (viral) transport medium; Other specimens must be sent as such, in a sterile vial, without transport medium
The use of the purple S14UK transport bag is MANDATORY
Other acceptable transport media: eSwab, Transwab and UTM. Alternatively, an Amies transport medium is acceptable.

S14: Special mycobacteria transport bags are to be used

Herpes virus type 6 (HHV6) - viral load - PCR — HV6Q

1 mL Whole blood (EDTA): quantitative result ° Refrigerated

6 days ° Real-time PCR

The use of the purple S14UK transport bag is MANDATORY

Herpes Virus type 7 - direct diagnosis - PCR — HV7BM

1 mL Serum, plasma or total blood EDTA ° Refrigerated

6 days ° Real-time PCR

The use of the purple S14UK transport bag is MANDATORY

Herpes virus type 8 (HHV8) - direct diagnosis - PCR — HV8BM

1 mL Biopsy (of a tumor, skin or organ lesion), puncture fluid (peritoneal, pericardial, pleural fluid, bone marrow (EDTA) ° Refrigerated

6 days ° Real-time PCR

Use M4RT medium
The use of the purple S14UK transport bag is MANDATORY
Samples (other than swabs) must be sent as is, in a sterile container, without transport medium.
Other acceptable transport media: eSwab, Transwab and UTM. Alternatively, an Amies transport medium is acceptable.

S14: Special mycobacteria transport bags are to be used

Herpes virus type 8 (HHV8) - viral load — HV8Q

1 mL whole blood (EDTA) ° Refrigerated

6 days ° Real-time PCR

The use of the purple S14UK transport bag is MANDATORY

Homovanillic acid - Urine — HVA

[Indéfinie] Adult: 1 aliquot in tube urine of homogenized 24H.
Child: 2 aliquots in tube urine from urination. ° FROZEN

4 days ° LCMS/MS

Adult : specify the diuresis (volume of urine of 24H).
Freeze quickly after the end of the collection.
The determination of urinary creatinine is carried out systematically.
Urines have to be stored refrigerated during the collection process
No need of specific diet anymore.
Do not transmit pot
Adult: mandatory diuresis

Hyaluronic acid - pleural fluid — HYALP *

1 mL Pleural fluid ° FROZEN

4 days ° Turbidimetry

Centrifuge without delay, separate the supernatant and freeze

Hyaluronic acid - serum — HYALS *

1 mL Serum ° Refrigerated

4 days ° Turbidimetry

Centrifuge at high speed and separate the supernatant
Enclose clinical details

Echinococcosis - screening serology - serum — HYD

1 mL serum (do not use 10 mL tube) ° Refrigerated

5 days ° Enzyme-immunoassay + haemagglutination

If equivocal or positive, the confirmation test is automatically performed.

Echinococcosis - confirmation serology - serum — HYDWB

1 mL serum (do not use 10 mL tube) ° Refrigerated

4 days ° Western-Blot

Anti-tyrosine phosphatase antibodies - IA-2 - serum — IA2

1 x 1 mL serum (do not use 10 mL tube) ° Refrigerated

2 days ° Chemiluminescence

Serum not hemolysed

bacterial identification — IBA *

Strain freshly transplanted onto petri dishes or agar tubes, pure, in a suitable atmosphere ° Ambient temperature

8 to 10 days ° Mass spectrometry (MS)

Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology
Delivery time: Room temperature (between 15 and 25°C) < 5 days
Storage: room temperature, delivery: refrigerated

S10: Diagnobox (three layers of sealed packaging)

Ibuprofen - Serum — IBU *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

1 month ° HPLC - High Performance Liquid Chromatography / UV detection

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)

CPK - Creatine phosphokinase - isoenzymes - serum — ICK

2 mL serum (do not use 10 mL tube) ° Refrigerated

7 days ° Electrophoresis

Not to to be performed on haemolysed sample
Place the samples in the refrigerator as quickly as possible.
Pre¿analytical stability duration and temperature: maximum 7 days at 2¿8°C

Mycobactéria - identification — IDMA

Isolated strain on solid or in liquid medium (triple packing) ° Ambient temperature

6 days ° M, tuberculosis : PCR - GenoType® MTBC
M. atypiques : GenoType® Mycobacterium CM; GenoType®

Always specify the sample type
Enclose the specific clinical information form (R12-INTGB : Mycobacteria)
Specify the inoculation date

S10: Diagnobox (three layers of sealed packaging)

Immunobinding - serum — IFS *

1 mL Non haemolysed serum ° Refrigerated

2 days ° Immunofixation (gel)

Lactescent/hemolysed serum samples are forbidden

IgA - Immunoglobulin A - serum

IGA *

1 mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

ALWAYS specify the patient's age and gender

IgA - Immunoglobulin A - IgA1 and IgA2 subclasses - serum

IGA12 *

5 mL Serum ° Refrigerated

2 weeks ° Immuno turbidimetry

ALWAYS specify the patient's age and gender

Anti-IgA antibodies - serum

IGAAC *

2 mL Serum ° Refrigerated

22 days ° Enzyme-immunoassay

2 specific aliquots for this analysis

IgA - Immunoglobulin A secretory - Stool

IGAS *

20 g (volume de selles équivalent à une pêche) Stool specimen ° Refrigerated

8 days ° ELISA

Sample
Attach the specific clinical information form (R29-INTGB: Functional Coprology)

IgD - immunoglobulins D - serum

IGD *

1 mL Serum ° FROZEN before sending

1 week ° Immuno turbidimetry

Freeze the sample within 1 hour after sampling

Total IgE - serum

IGE *

1 x 1 mL Serum ° Refrigerated

1 day ° Electrochemiluminescence

ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Specific IgE medicines - single allergen - GSD Gold Standard Diagnostic - serum, plasma — IGEMH

1 mL serum, plasma ° FROZEN

7 days ° Enzyme-immunoassay

Specify the allergens

Specific IgE medicines - single allergen-Phadia — IGEMP

2 mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay

Specify the allergens

Specific IgE : latex - single allergen — IGESL

2 mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay

Specify the allergens

Specific IgE medicines - single allergen-Phadia — IGESM

2 mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay

Specify the allergens

Specific IgE : hymenoptera venom - single allergen — IGESV

2 mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay

Specify the allergens

IGF-2 - serum — IGF2 *

1 mL Serum ° FROZEN

1 month ° Enzyme-immunoassay

IGFBP-3 - Insulin-like Growth Factor Binding protein-3 - serum — IGFBP

1 x 1 mL serum (do not use 10 mL tube) ° FROZEN

8 days ° CLIA

Specify the patient's age
Attach the clinical data

IgG - immunoglobulins G - serum — IGG *

1 mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

ALWAYS specify the patient's age and gender

IgG - immunoglobulins G - IgG1 subclasses - serum — IGG1 *

2 mL Serum ° Refrigerated

1 day ° Immuno turbidimetry

ALWAYS specify the patient's age and gender

IgG - immunoglobulins G - IgG2 subclasses - serum — IGG2 *

2 mL Serum ° Refrigerated

1 day ° Immuno turbidimetry

ALWAYS specify the patient's age and gender

IgG - immunoglobulins G - IgG3 subclasses - serum — IGG3 *

2 mL Serum ° Refrigerated

1 day ° Immuno turbidimetry

ALWAYS specify the patient's age and gender

IgG - immunoglobulins G - IgG4 subclasses - serum — IGG4 *

2 mL Serum ° Refrigerated

1 day ° Immuno turbidimetry

ALWAYS specify the patient's age and gender

IgG - immunoglobulins G - CSF — IGGPL

1 mL CSF ° Refrigerated

3 days ° Nephelometry or Turbidimetry

IgM - immunoglobulins M - serum — IGM *

1 mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

ALWAYS specify the patient's age and gender

Interleukin (IL)-10 — IL10 *

1 mL EDTA Plasma ° FROZEN

31 days °

Interleukin (IL)-10 - . — IL10D *

200 µL CSF, aqueous humor or vitreous ° FROZEN before sending

28 days ° Luminex (Biorad)

Please indicate the nature as well as the time of collection / Mandatory
Specify which eye the sample was taken from (left or right).

Interleukin (IL)-1 beta — IL1B *

1 mL EDTA Plasma ° FROZEN

31 days °

Interleukin 28B (IL28B polymorphisme C/T rs 12979860) - genotyping - EDTA whole blood — IL28B *

5 mL EDTA whole blood ° Refrigerated

9 days ° Melting Curve Allelic Discrimination

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Sample must be refrigerated if transport is > 48 hours
Enclose the specific B12-INTGB request form: Molecular Genetics

Interleukin (IL)-5 — IL5 *

1 mL EDTA Plasma ° FROZEN

28 days ° Enzyme-immunoassay

Interleukin (IL)-6 — IL6

1 x 1 mL plasma (héparinate de lithium, EDTA dipotassique et tripotassique). ° FROZEN

3 weeks ° Electrochemiluminescence

Interleukin (IL)-6 - . — IL6D *

200 µL CSF, aqueous humor or vitreous ° FROZEN before sending

28 days ° Luminex (Biorad)

Please indicate the nature as well as the time of collection / Mandatory
Specify which eye the sample was taken from (left or right).

Interleukin (IL)-8 — IL8 *

1 mL EDTA Plasma ° FROZEN

31 days °

LDH - Lactate dehydrogenase - isoenzymes — ILDH

2 mL Serum no hémolysed (no 10 mL tube) ° Ambient temperature

8 days ° Electrophoresis

The sample must reach us WITHOUT FAIL within 24 hrs of sampling.
Not to to be performed on haemolysed sample

Isoleucine - plasma — ILEU

1 mL Heparin Plasma ° FROZEN

1 week ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R1-INTGB : Amino Acids - Organic Acids)
Freeze the sample within one hour. Home collection is not recommended.
Sample in a fasting state (for infants, draw sample 3-4 hours after bottle)
One specific aliquot is required for this analysis.

Anti-islet cell antibodies - ICA - serum

ILO

1 mL serum (do not use 10 mL tube) ° Refrigerated

2 days ° Chemiluminescence

Serum not hemolysed

Imatinib

IMAT *

1 mL heparinised plasma (do not use tubes with gel separators) ° FROZEN

15 days ° High-performance liquid chromatography / high resolution mass spectrometry

Enclose the specific clinical information form (R7-INTGB : Quantification of imatinib/Glivec® in plasma)

Factor I - Fibrinogen - antigen - plasma

IMFIB *

1 mL Citrated Plasma ° FROZEN

1 week ° Immuno turbidimetry

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Juvenalis - ImmuCheck

IMMU *

3 x 1 ml serum (without separating gel): refrigerated ;
1 ml serum (without separating gel): frozen ;
2 ml heparin plasma (protected from light): frozen;
2 x 2 ml heparinised plasma (without separating gel): refrigerated;
3ml EDTA whole blood: refrigerated;
4 ml of first morning urine: refrigerated. °

3 weeks °

Do not use tubes with phase separator
Fasting sample required
This is a panel of analyses, which must be sent in full to Eurofins Biomnis, without being separated
Attach the specific health questionnaire (JU-Q01: JUVENALIS health questionnaire)
It is essential to identify the nature of the sample on each tube sent.
Do not combine the Juvenalis report and the Eurofins Biomnis report in the same file.

Interferon alpha - CSF

INAPL *

500 µL CSF ° Refrigerated

15 days ° Biological method

Attach the clinical data

Interferon alpha - serum — INFA *

1 mL Serum ° Refrigerated

3 weeks ° Biological method

The sample must reach us WITHOUT FAIL within 24 hrs following sampling
Attach the clinical data

Interferon alpha - neutralizing antibody - serum — INFAA *

2 mL Serum ° Refrigerated

3 weeks ° Neutralisation test

Attach the clinical data

Infliximab — INFAC

1 mL Serum ° Refrigerated

8 days ° Chemiluminescence

Please attach the specific clinical information sheet (R46 : Anti-TNF)

Interferon alpha - biological fluid — INFAD *

1 mL Biological fluid ° Refrigerated

1 week ° Biological method

Attach the clinical data

Interferon gamma - CSF — INGPL *

500 µL CSF ° FROZEN

4 weeks ° Enzyme-immunoassay

Attach the clinical data

INH - Isoniazid - Serum — INH *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

15 days ° Tandem mass spectrometry (MS/MS)

Enclose the specific information form R8 INTGB anti-fungal agents and anti-tuberculosis drugs
Freeze the sample within 1 hour after sampling
peros: strict T+3h (possibility of associating a residual measurement: T0 + T3h)
in IV: Tmax: 1/2h after injection

C1-inhibitor - complement fraction - quantitation - serum

INHC1 *

1 mL Serum ° FROZEN

1 day ° Turbidimetry

Inhibin A - ultrasensitive - serum

INHIA *

2 mL Serum ° FROZEN

2 months ° Enzyme-immunoassay

Always indicate the clinical context :
- Menopausal women
- Tumoral context
Enclose the specific clinical information form (R38-INTGB : Inhibin A)
One specific aliquot is required for this analysis.
Analysis reserved for women: Inhibine A does not exist in men.

Inhibin B - woman

INHIB

1 mL Serum no hémolysed (no 10 mL tube) ° FROZEN

3 days ° Enzyme-immunoassay

ALWAYS attach the clinical and ultrasound information
ALWAYS collect sample between the 3rd and the 4th day of the menstrual cycle

Inhibin B - Child - serum

INHIE *

1 mL Non haemolysed serum ° FROZEN before sending

1 month ° Enzyme-immunoassay

Only for children younger than 5 years old
Attach the clinical data

Inhibin B - man

INHIM

1 mL Serum no hémolysed (no 10 mL tube) ° FROZEN

3 days ° Enzyme-immunoassay

Attach the clinical data

Inhibin A - serum

INIBE *

2 mL Serum ° FROZEN

30 days °

Quick time on VKA therapy - plasma

INR *

2 mL Citrated Plasma ° FROZEN

1 day ° Chromogenic method

Tell us the current medication and dosage; if available, the indication.
We recommend that you send us a centrifuged citrated sample, frozen according to GFHT pre-analytical recommendations.

Insulin - serum

INS *

1 x 1 mL Non-hemolysed serum ° FROZEN before sending

1 day ° EIA

Fasting sample required
It is essential to settle the serum without delay
For HOMA index calculation, confirm the fasting blood sugar level performed on the same day as the sample collection for insulin

Insulin 10 time

INS10 *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 mL serum T5
1 mL serum T6
1 mL serum T7
1 mL serum T8
1 mL serum T9 ° FROZEN

1 day ° EIA

It is essential to settle the serum without delay
Serum not hemolysed

Insulin 11 time

INS11 *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 mL serum T5
1 mL serum T6
1 mL serum T7
1 mL serum T8
1 mL serum T9
1 mL serum T10 ° FROZEN

1 day ° EIA

It is essential to settle the serum without delay
Serum not hemolysed

Insulin 12 time

INS12 *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 mL serum T5
1 mL serum T6
1 mL serum T7
1 mL serum T8
1 mL serum T9
1 mL serum T10
1 mL serum T11 ° FROZEN

1 day ° EIA

It is essential to settle the serum without delay
Serum not hemolysed

Insulin 13 time

INS13 *

1 mL 1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 mL serum T5
1 mL serum T6
1 mL serum T7
1 mL serum T8
1 mL serum T9
1 mL serum T10
1 mL serum T11
1 mL serum T12 ° FROZEN

1 day ° EIA

It is essential to settle the serum without delay
Serum not hemolysed

Insulin

INS2 *

1 mL 1 mL serum T0
1 mL serum T1 ° FROZEN

1 day ° EIA

It is essential to settle the serum without delay
Serum not hemolysed

Insulin 9 time

INS9 *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 mL serum T5
1 mL serum T6
1 mL serum T7
1 mL serum T8 ° FROZEN

1 day ° EIA

It is essential to settle the serum without delay
Serum not hemolysed

Anti-insulin antibodies - serum — INSAC *

1 mL Serum ° FROZEN

1 week ° Radioimmunoassay

Iodine total - serum — IOD

2 mL Serum (do not use tubes with separator gel) ° Refrigerated

1 week ° Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)

Iodine - urine — IODU

1 tube(s) Collect an early morning urine (EMU) (or a 24 hour urine sample if screening for a surcharge) or a urine sample at the end of a shift if for occupational health. ° Refrigerated

7 days ° Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)

Specify diuresis
Indicate on the request form whether it is for Occupational Medicine

Electrolytes stool - Stool — IONSP *

[Indéfinie] Stool specimen ° Refrigerated

7 days ° Na-K: ICP-OES (Inductively Coupled Plasma Optical Emission Spectrometry)

Complete 24-hours stool collection
Attach the specific clinical information form (R29-INTGB: Functional Coprology)
Collection of 24-, 48- or 72-hour stool samples.
Use one stool container per 24-hour collection period. For 48- or 72-hour collections, group all containers in a single bag with a single request form. The samples will be pooled and processed as a single examination.

T10 : Stool container 1l

Alkaline phosphatases - isoenzymes - serum — IPAL

2 mL serum (do not use 10 mL tube) ° Refrigerated

2 days ° Electrophoresis

Not to to be performed on haemolysed sample

Immunophenotyping of malignant hemopaties — IPHEN

[Indéfinie] EDTA whole blood 1 tube 5 mL(tubes with gel separators are prohibited) + 1 unstained blood smear.
Bone marrow collected on EDTA 1 tube > 0,5 mL (tubes with gel separators are prohibited) + 1 unstained medullary smear °
Ambient temperature

Turnaround time : according to clinical details : acute hemopathies : 2 days; other hémopathies : 5 days ° Flow

Cannot be performed on CSF
The sample must reach us WITHOUT FAIL within 24 hrs of sampling.
Use the specific request form B8-INTGB: Malignant blood disorders
For immunophenotyping of blood monocytes and the study of residual disease in CLL, please observe a pre-analytical delay of 48 hours maximum and only take samples on Mondays, Tuesdays and Wednesdays.
Attach the results of the latest NF/platelets and provide information on the treatment for CLL MRD.
Monocyte immunophenotyping and residual disease assessment in CLL cannot be performed on bone marrow samples.
.
No large tubes (only tubes up to 5ml)

Anti-platelet antibodies bound or free - screening and identification — IPLAQ *

15 mL EDTA whole blood (for the assay of cell-bound platelet antibodies) 5 mL serum (for the dosing of free platelet antibodies) °
Ambient temperature

20 days ° MAIPA (direct and indirect, Enzyme immunoassay)/ Flow Cytometry and Molecular biology

Samples to be collected from Monday to Wednesday
Please attach the specific clinical information form (R44 INTGB : Platelet Immunology or R45-INTGB: Investigation for foetal/neonatal thrombocytopenia in newborns)
IMPORTANT : if platelets < 20 giga/L, sample 40 mL of EDTA whole blood, but the test is difficult to perform
CITRATE sampling not accepted

Isavuconazole - Serum — ISAV *

3 mL Serum (do not use tubes with separator gel) ° FROZEN

3 weeks ° HPLC - High Performance Liquid Chromatography / UV detection

Enclose the specific information form R8 INTGB anti-fungal agents and anti-tuberculosis drugs

Chlamydia trachomatis, Neisseria gonorrhoeae and Trichomonas vaginalis - multiplex gene amplification — IST3 *

- Urine: K12: Aptima urine collection kit for urine samples or sterile urine containers without additives.
DO NOT USE containers fitted with an integrated needle or transfer cannula.
- Urethra, Cervix/Endocervix: K11: Aptima unisex swab collection kit for endocervical and urethral swabs
- Vaginal, pharynx, anal: K14: Aptima multi-test swab collection kit for vaginal samples and self-collected vaginal samples.
- Semen: Minimum 200 µL in Aptima media or substitute media ° Refrigerated

1 day ° Molecular biology.
Technique: Eurobio Scientific (real-time PCR)

K11: Aptima Unisex Swab Collection Kit for endocervical and urethral swabs
K12: Aptima Urine Collection Kit for urine samples or sterile urine jar without additives.
PROHIBIT jars with integrated transfer needle or cannula.
K14: Aptima Multi-Test Swab Collection Kit for vaginal and self-collection of vaginal samples.

Chlamydia trachomatis, Neisseria gonorrhoeae, Mycoplasma genitalium and Trichomonas vaginalis - multiplex gene amplification

IST4 *

Urine, Urethral, Endocervical canal, vaginal ° Refrigerated

1 day ° Molecular biology.
Technique: Eurobio Scientific (real-time PCR)

K11: Aptima Unisex Swab Collection Kit for endocervical and urethral swabs
K12: Aptima Urine Collection Kit for urine samples or sterile urine jar without additives.
PROHIBIT jars with integrated transfer needle or cannula.
K14: Aptima Multi-Test Swab Collection Kit for vaginal and self-collection of vaginal samples.

IST PMA Expert ¿ Multiplex PCR detection ¿ Urogenital mycoplasma, C. trachomatis, N. gonorrhoeae, M. genitalium, T. vaginalis

IST7 *

Various samples ° Refrigerated

1 day ° PCR

Accepted transport media: Copan, ESwab, M4RT, UTM, and Sigma Transwab.

Itraconazole and hydroxylated metabolite - Serum

ITRA *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

2 weeks ° LCMS

Enclose the specific information form R8 INTGB anti-fungal agents and anti-tuberculosis drugs

JAK2 - gene - VAL617PHE (V617F) mutation

JAK2

5 mL Whole blood EDTA, avoid tubes containing beads. ° Ambient temperature

10 days ° Real-time PCR

Sample must be refrigerated if transport is > 48 hours
Use the specific request form B8-INTGB: Malignant blood disorders
Avoid sampling on Fridays and the eve of public holidays
.
ALWAYS attach the last blood/platelet count results.

Gut microbiota

JBIOT

[Indéfinie] (Une noisette de selles à mettre en milieu de transport) Stools ° Ambient temperature

42 days ° Séquençage nouvelle génération 16S

Analysis can be carried out from the age of 15
IMPERATIVELY use the JUK12 kit (Microbiota Kit) to order on Biomnis Connect
[To be translated]

[To be translated]

Polyomavirus JC - direct diagnosis - PCR

JCPL

1 ml EDTA whole blood, 5 ml urine (without preservatives) 0.5 ml (minimum) CSF; brain biopsie ° Refrigerated

3 days ° Real-time PCR

The use of the purple S14UK transport bag is MANDATORY

Kappa free light chains - serum

KAPAL *

1 x 2 mL Serum ° Refrigerated

1 day ° Immuno turbidimetry

Please ensure to indicate the clinical context and if available the result from the serum immunofixation

Index Kappa - CSF + serum

KAPPI

1 mL CSF + 2 ml Serum (IMPERATIVE) ° Refrigerated

7 days ° Nephelometry

1 specific tube for this analysis, especially if joint request of Borreliosis.
CSF and serum sample taken the same day
No compact or urine container for CSF samples
If delivery is delayed for more than 5 days, the sample will be frozen
Allow 2 mL of CSF if a joint request for CSF isofocusing is made

Kappa free light chains - urine

KAPPU *

1 tube(s) 24hr Urine collection ° Refrigerated

1 day ° Immuno turbidimetry

Please ensure to indicate the clinical context and if available the result from the serum immunofixation

Levetiracetam - Serum

KEP

1 mL Serum (tubes without a separating gel) ° Refrigerated

4 days ° LCMS/MS

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
The therapeutic drug monitoring code suggests that the sample should be carried out at the residual rate (just before taking medication).
One specific aliquot is required for this analysis.

Ketamine - Serum

KETAS *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

2 weeks ° Liquid Phase Chromatography / Mass Spectrometry (LC-MS)

Performed only in case of INTOXICATION. Not indicated for drug monitoring.
Please remember that the Eurofins Biomnis laboratory does not perform toxicological analysis for medico-legal purposes. Do not submit requests based on judicial requisition. Such analysis must be carried out by laboratories specialized in forensic expertise.

Ketamine - urines

KETAU *

5 mL Urine sample ° Refrigerated

2 weeks ° Gas Phase Chromatography / Mass Spectrometry (GC-MS)

Performed only in case of INTOXICATION. Not indicated for drug monitoring.
Please remember that the Eurofins Biomnis laboratory does not perform toxicological analysis for medico-legal purposes. Do not submit requests based on judicial requisition. Such analysis must be carried out by laboratories specialized in forensic expertise.

Ketoconazole - Serum

KETO *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

2 weeks ° HPLC - High Performance Liquid Chromatography / UV detection

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)

High molecular weight kininogen - activity - plasma

KIN *

1 mL Citrated Plasma ° FROZEN

1 month ° Chronometric method

One specific aliquot is required for this analysis.
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Kingella kingae - direct diagnosis - PCR

KINGK

[Indéfinie] Joint fluid, biopsies, pus, punctures, throat swabs ° Refrigerated

6 days ° Real-time PCR

Use M4RT medium
The use of the purple S14UK transport bag is MANDATORY
Samples (other than swabs) must be sent as is, in a sterile container, without transport medium.
Other acceptable transport media: eSwab, Transwab and UTM. Alternatively, an Amies transport medium is acceptable.

S14: Special mycobacteria transport bags are to be used

KIR Génotypage KIR - Total EDTA blood — KIRT *

2 x 5 mL (sang total EDTA) Total EDTA blood ° Ambient temperature

4 weeks ° PCR SSO

Sample must be refrigerated if transport is > 48 hours
Complete and attach the information form available on www.eurofins-biomnis.com together with the patient request form
Copy of the CNI and signed certificate and consent are essential.
If there is a request for the spouse, please give his/her name in the patient's file (Cf. infertility molecular genetics request form).

Fetal-maternal haemorrhage - EDTA whole blood — KLEI *

1 mL EDTA whole blood ° Refrigerated

1 day ° Flow Cytometry

One specific aliquot is required for this analysis.
[To be translated]

Lactic acid - CSF — LACLC *

[Indéfinie] CSF ° FROZEN

2 weeks ° Chemistry - Spectrophotometry

Attach the specific clinical information form (R26-INTGB: Metabolic Biochemistry)
Freeze the sample within one hour. Home collection is not recommended.

Lactic acid — LACT *

1 mL Plasma collected on sodium fluoride / potassium oxalate ° FROZEN

1 day ° Chemistry - Spectrophotometry

Freeze the sample within 1 hour after sampling
One specific aliquot is required for this analysis.
INDIVIDUAL OR DELICATE SAMPLE: venal blood samples must be taken, preferably fasting and without the use of a tourniquet. Blood samples collected in floride tubes must be immediately put in ice,centrifuged in a refrigerated and decanted within the first 15 minutes of sample collection. The plasma must be frozen within 1 hour of sample collection. Icteric and/or haemolysed samples should be removed

LAM2-t(8;21) Leukemia acute myeloid - EDTA whole blood — LAM2 *

5 mL EDTA whole blood ° Ambient temperature

30 days °

LAM2-t(8;21) Leukemia quantitative PCR t(8;21) - EDTA whole blood — LAM2Q *

5 mL EDTA whole blood ° Ambient temperature

30 days ° RQ-PCR

Lambda free light chains - serum — LAMBL *

1 x 2 mL Serum ° Refrigerated

1 day ° Immuno turbidimetry

Please ensure to indicate the clinical context and if available the result from the serum immunofixation

Lambda free light chains - urine — LAMBU *

1 tube(s) 24hr Urine collection ° Refrigerated

1 day ° Immuno turbidimetry

Please ensure to indicate the clinical context and if available the result from the serum immunofixation

Lamivudine - plasma — LAMIV *

3 mL EDTA Plasma centrifuged immediately ° FROZEN

3 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R6-INTGB : Anti-retroviral medicines)
Recommended residual rate, once steady state is reached

Lamotrigine - Serum — LAMO

1 mL Serum (tubes without a separating gel) ° Refrigerated

4 days ° LCMS/MS

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
The therapeutic drug monitoring code suggests that the sample should be carried out at the residual rate (just before taking medication).
One specific aliquot is required for this analysis.

LBP - serum — LBP *

1 x 2 mL Serum ° FROZEN

21 days ° Chemiluminescence

L-carnitine - seminal plasma — LCAR

1 mL Seminal plasma on fluoridated tube ° FROZEN

15 days ° Chemistry - Spectrophotometry

Sample to be collected after 2 to 5 days of abstinence.
Always indicate the ejaculate volume, the pH, sperms count and abstinence period.
Centrifuge and freeze the supernatant immediately.

lactose primary intolerance - Genetic characterization — LCT

5 mL Whole blood EDTA (only), do not use tubes containing beads. ° Ambient temperature

1 month ° kit LAMP Human Lactose Intolerance CE-IVD, Loop-mediated isothermal amplification

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Enclose the specific B12-INTGB request form: Molecular Genetics

LDH - Lactate dehydrogenase - serum — LDH *

1 mL Serum ° Ambient temperature

2 days ° Chemistry - Spectrophotometry

Do not use haemolysed samples, on EDTA, sodium fluoride and potassium oxalate

LDH - Lactate dehydrogenase — LDHD *

2 mL Biological fluid (excluding CSF) ° Ambient temperature

1 day ° Chemistry - Spectrophotometry

Not to to be performed on haemolysed sample

Direct LDL cholesterol - serum — LDL *

1 mL Serum ° Refrigerated

1 day ° Chemistry - Spectrophotometry

Fasting sample required
As part of a disrupted lipid abnormality analysis

Oxidised LDL — LDLOX

1 mL serum (not a 10 mL tube) ° Refrigerated

3 weeks ° Enzyme-immunoassay

Legionellosis- antigenes LP1 - urines — LEGAG

10 mL Urine ° Refrigerated

1 day ° Immuno chromatography

The use of the purple S14UK transport bag is MANDATORY
Urine stored with boric acid are accepted

S14: Special mycobacteria transport bags are to be used

Legionellosis- - direct diagnosis - PCR — LEGBM

[Indéfinie] BAL, Bronchial aspiration, Sputum, Pleural fluid ° Refrigerated

1 day ° Real-time PCR

Use M4RT medium
The use of the purple S14UK transport bag is MANDATORY
Samples (other than swabs) must be sent as is, in a sterile container, without transport medium.
Other acceptable transport media: eSwab, Transwab and UTM. Alternatively, an Amies transport medium is acceptable.

S14: Special mycobacteria transport bags are to be used

Legionellosis- IgG screening serology - serum — LEGIO

1 mL serum (do not use 10 mL tube) ° Refrigerated

5 days ° Enzyme-immunoassay

If positive, titrate serogroups 1 to 6

Legionellosis- - serogroups 1 to 6 - IgG confirmation serology - serum — LEGIT

1 mL serum (do not use 10 mL tube) ° Refrigerated

8 days ° Immunofluorescence

Systematically performed in the event of a positive screening test

Leishmaniasis - direct diagnosis - PCR — LEIBM *

Skin biopsy, lymph node biopsy, whole blood EDTA, bone marrow EDTA ° Refrigerated

2 weeks ° PCR

The use of the purple S14UK transport bag is MANDATORY
Delivery time: 48H
Attach the clinical data
Biopsies: place in a sterile container suitable for the volume.
Blotter biopsies are not accepted.
Skin biopsies must be taken by a dermatologist

S14: Special mycobacteria transport bags are to be used

Leishmaniasis - Serology screening - serum — LEIS

2 mL serum (do not use 10 mL tube) ° Chilled (but frozen is also accepted)

8 days ° Chemiluminescence

The confirmatory test is performed even when the screening test is negative, in order to increase the diagnostic sensitivity of the analysis.

Leishmaniasis - confirmation serology - serum — LEIWB

1 mL serum (do not use 10 mL tube) ° Refrigerated

8 days ° Western-Blot

Leptin - serum — LEP *

1 mL Serum ° FROZEN

2 weeks (if dilution/control needed - TAT 4 weeks ° ELISA

Always specify the patient's height, weight and age and the sampling date

Leptospirosis - direct diagnosis - PCR — LEPBM

[Indéfinie] Whole blood or plasma (EDTA), serum, urine, CSF ° Refrigerated

3 days ° Real-time PCR

.
PCR on blood samples should only be carried out during the viremic phase (in the first ten days after the onset of the disease).
The use of the purple S14UK transport bag is MANDATORY

Leptospirosis - IgM serology - serum — LEPT

2 mL serum (do not use 10 mL tube) ° Refrigerated

8 days ° Enzyme-immunoassay

.
Only to be performed during the immune phase (IgM detection, approx. seven days after the onset of the disease, for two or three months)

Levofloxacin - Serum — LEVOX *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

1 week ° HPLC - High Performance Liquid Chromatography

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
Centrifuge the sample and decant rapidly
One specific aliquot is required for this analysis.

Lyso-Gb3 — LGB3 *

3 mL EDTA plasma (do not use tubes with gel separator) ° FROZEN

6 weeks ° Tandem mass spectrometry (MS/MS)

Attach the specific clinical information form (R26-INTGB: Metabolic Biochemistry)
One specific aliquot is required for this analysis.
Centrifuge, Decant, freeze rapidly

LH - Luteinising hormone - serum — LH *

1 x 1 mL Serum ° Refrigerated

1 day ° CMIA

Enclose clinical details
Attach age and period of cycle

LH - Luteinising hormone — LH2T *

1 mL 1 mL serum T0
1 mL serum T1 ° Refrigerated

1 day ° CMIA

Enclose clinical details
Attach age and period of cycle

LH - Luteinising hormone — LH3T *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2 ° Refrigerated

2 days ° CMIA

LH - Luteinising hormone — LH4T *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3 ° Refrigerated

1 day ° CMIA

LH - Luteinising hormone — LH5T *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4 ° Refrigerated

2 days ° CMIA

LH - Luteinising hormone — LH6T *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 mL serum T5 ° Refrigerated

1 day ° CMIA

LH - Luteinising hormone - urines — LHU *

1 tube(s) Non acidified 24hrs urine collection ° Refrigerated

15 days ° Chemiluminescence

This test automatically includes the urine LH level for children
Specify diuresis

Lithium - Serum — LI *

1 mL Serum ° Refrigerated

1 day ° Spectrometry

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
Do not use tubes containing lithium heparin or iodo-acetate
Standard collection : collect the sample in the morning 12hrs after administration and before any further treatment
Prolonged administration collection : (given in the evening) collect sample in the morning 12hrs after administration or in the evening 24 hrs after administration and before any further treatment

Juvenalis - Panel - LibidoCheck — LIBID *

[Indéfinie] 3 x 1 mL of serum: refrigerated;
2 x 1 mL of frozen serum;
2 mL of sodium heparinised plasma (without separating gel): refrigerated;
1 mL of fluorinated plasma: frozen;
1 mL of citrated plasma: frozen °

2 weeks °

Lipase - serum — LIPA *

1 mL Serum ° Refrigerated

1 day ° Chemistry - Spectrophotometry

Lipase - aspiration biopsy — LIPAD *

1 mL Aspiration biopsy ° Refrigerated

1 day ° Colorimetry

Lipase - urine — LIPAU *

1 tube(s) 24hr or random urine sample ° Refrigerated

Specify diuresis

1 day ° Colorimetry

Listeria monocytogenes - direct diagnosis - PCR — LISBM

1 mL CSF ° Refrigerated

The use of the purple S14UK transport bag is MANDATORY

3 days ° Real-time PCR

Anti-LKM antibodies - endoplasmic reticulum - typing - serum — LKMC *

1 mL Serum ° Refrigerated

3 days ° Immunodot

Anti-LKM antibodies - endoplasmic reticulum - screening - serum

LKMX *

1 mL Serum ° Refrigerated

4 days ° Immunofluorescence

In the case of a positive screening test, perform typing

NGS panel - CLL (for diagnostic, prognostic and Treatment) - (28 Genes)

LLC

5 ml EDTA whole blood or 2 ml EDTA bone marrow or DNA extracted : (200ng of DNA minimum) ° Ambient temperature

10 days ° Targeted mutation analysis of a selected gene panel using massively parallel sequencing (MPS).

Samples to be collected from Monday to Friday
Sample must be refrigerated if transport is > 48 hours
Use the specific request form B8-INTGB: Malignant blood disorders
Attach:
- the results of the FBC- platelets
- the bone marrow report
- the immunophenotyping report
- Results of lymph node histology (if performed)

S9L: Envelopes yellow for karyotypes LYON

NGS panel - CLL (Treatment and resistance mutations) BAX/BCL2/BTK/CARD11/EP300/MCL1/NOTCH1/ PLCG2/SF3B1/TP53

LLCTR

5 ml EDTA whole blood or 2 ml EDTA bone marrow or DNA extracted : (200ng of DNA minimum) ° Ambient temperature

10 days ° Targeted mutation analysis of a selected gene panel using massively parallel sequencing (MPS).

Samples to be collected from Monday to Friday
Sample must be refrigerated if transport is > 48 hours
Use the specific request form B8-INTGB: Malignant blood disorders
Attach:
- the results of the FBC- platelets
- the bone marrow report
- the immunophenotyping report
- Results of lymph node histology (if performed)

S9L: Envelopes yellow for karyotypes LYON

LMMC Search transcrit fusion PDFGRB-TEL by RQ-PCR - EDTA whole blood

LMMCP *

5 mL EDTA whole blood ° Ambient temperature

30 days ° RQ-PCR

NGS panel - LNHB (Non-Hodgkin lymphoma - B) - (45 Genes) — LNHB

5 ml EDTA whole blood or 2 ml EDTA bone marrow or DNA extracted : (200ng of DNA minimum) ° Ambient temperature

10 days ° Targeted mutation analysis of a selected gene panel using massively parallel sequencing (MPS).

Samples to be collected from Monday to Friday
Sample must be refrigerated if transport is > 48 hours
Use the specific request form B8-INTGB: Malignant blood disorders
Attach:
- the results of the FBC- platelets
- the bone marrow report
- the immunophenotyping report
- Results of lymph node histology (if performed)

NGS panel - LNHT (Non-Hodgkin lymphoma - T) - (19 Genes) — LNHT

5 ml EDTA whole blood or 2 ml EDTA bone marrow or DNA extracted : (200ng of DNA minimum) ° Ambient temperature

11 days ° Targeted mutation analysis of a selected gene panel using massively parallel sequencing (MPS).

Samples to be collected from Monday to Friday
Sample must be refrigerated if transport is > 48 hours
Use the specific request form B8-INTGB: Malignant blood disorders
Attach:
- the results of the FBC- platelets
- the bone marrow report
- the immunophenotyping report
- Results of lymph node histology (if performed)

S9L: Envelopes yellow for karyotypes LYON

Ethyl loflazepate - serum — LOFLA *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

Variable TAT ° HPLC - High Performance Liquid Chromatography

One specific aliquot is required for this analysis.
In accordance with the regulation, all requests must ALWAYS contain:
- the sampling date and time, the date and time of the last dose
- the reasons for the prescription (efficiency and/or toxicity test)
- the treatment start date and/or the date of any change of dosage
- the subject's age, height and weight, when possible
- the dosage data (quantity administered, frequency, administration route)
- the medical follow-up sheet

Loprazolam - Serum — LOPRA *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

10 days ° HPLC - High Performance Liquid Chromatography

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.

Loxapine - Serum

LOXAP *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

1 week ° Liquid chromatography / Tandem mass spectrometry (LC-TMS/MS)

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.

Lipoprotein Lp(a) - serum

LPA *

1 mL Serum ° Refrigerated

1 day ° Turbidimetry

Lp(a) lipoproteins are not ot be confused with LPA1 lipoparticles when preparing the request form. Word the request accurately

Lipoprotein Lp-PLA2 - serum

LPPLA

1 mL Serum ° FROZEN

5 days ° Chemiluminescence

Serum can be stored for 4 hours at 18-25°C, 72 hours at 2-8°C and 2 months at -20°C.
One maximum freeze/thaw cycle

NGS Panel (Lymphoplasmocytic lymphoma «Waldenström Macroglobulinaemia) ARID1A/BTK/CARD11/ CD79A/CD79B/CXCR4/MYD88/NOTCH2/PLCG2/TP53

LPWAL

EDTA bone marrow or DNA extracted (200ng of DNA minimum) ° Ambient temperature

10 days ° Targeted mutation analysis of a selected gene panel using massively parallel sequencing (MPS).

Samples to be collected from Monday to Friday
Sample must be refrigerated if transport is > 48 hours
Use the specific request form B8-INTGB: Malignant blood disorders
Attach:
- the results of the FBC- platelets
- the bone marrow report
- the immunophenotyping report
- Results of lymph node histology (if performed)

S9L: Envelopes yellow for karyotypes LYON

LSD - Lysergic acid diethylamide - Urine

LSDC *

5 mL Random urine sample (stored away from light) ° Refrigerated

2 weeks ° Liquid chromatography / Tandem mass spectrometry (LC-TMS/MS)

Not recommended for home collection
store out of light
Please remember that the Eurofins Biomnis laboratory does not perform toxicological analysis for medico-legal purposes. Do not submit requests based on judicial requisition. Such analysis must be carried out by laboratories specialized in forensic expertise.

LSD - Lysergic acid diethylamide - biological fluid

LSDD *

2 mL biological fluid (to be stored away from light) ° FROZEN

2 months ° Liquid chromatography / Tandem mass spectrometry (LC-TMS/MS)

Freeze the sample within 1 hour after sampling
Please remember that the Eurofins Biomnis laboratory does not perform toxicological analysis for medico-legal purposes. Do not submit requests based on judicial requisition. Such analysis must be carried out by laboratories specialized in forensic expertise.

LSD - Lysergic acid diethylamide

LSDS *

2 mL Serum (kept away from light), do not use tube with separator gel ° Refrigerated

2 weeks ° Liquid chromatography / Tandem mass spectrometry (LC-TMS/MS)

One specific aliquot is required for this analysis.
store out of light
Please remember that the Eurofins Biomnis laboratory does not perform toxicological analysis for medico-legal purposes. Do not submit requests based on judicial requisition. Such analysis must be carried out by laboratories specialized in forensic expertise.

Lysozyme - serum

LYSO *

1 mL serum (do not use 10 mL tube) ° FROZEN

4 days ° Turbidimetry

Specific IgE : food allergens - allergen mix - serum

MA

1 mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay

Specify the allergens

Anti-MAG antibodies - serum

MAG

200 µL serum (do not use 10 mL tube) ° Refrigerated

15 days ° Enzyme-immunoassay

Methylhippuric acid - urine — MAH *

10 mL urine sample ° Refrigerated

3 weeks ° HPLC - High Performance Liquid Chromatography / UV detection

Collect the sample on a plastic container
Sample at end of work shift

Microalbumin - urine — MALB *

500 µL 24 hour urine or random urine ° Refrigerated

1 day ° Turbidimetry

Possible preservatives: chlorydric acid 6N, acetic acid, chloroform, formalin, toluene, xylene.
Avoid repeated freezing/thawing cycles
Specify diuresis

Monoclonal components - serum — MALDI *

1 x 1 mL Serum ° FROZEN

Methylmalonic acid — MALON *

2 mL heparinised plasma (do not use tubes with gel separators) ° FROZEN

1 month ° Gas Phase Chromatography / Mass Spectrometry (GC-MS)

Attach the specific clinical information form (R26-INTGB: Metabolic Biochemistry)
Fasting sample required
Freeze the sample within one hour. Home collection is not recommended.
One specific aliquot is required for this analysis.

Methylmalonic acid - urines — MALOU *

15 mL Early morning urine ° FROZEN

4 weeks ° Gas Phase Chromatography / Mass Spectrometry (GC-MS)

Clinical datas must be filled on the form R26.
The urinary methylmalonic acid assay is reserved for the diagnosis and follow-up of patients with methylmalonic aciduria or an important anomaly of cobalamin metabolism.

Mandelic acid - urine — MAND *

15 mL Random urine ° Refrigerated

2 weeks ° HPLC - High Performance Liquid Chromatography / UV detection

Sample at end of work shift

Arsenic - inorganic an metabolites derivatives - urine

MASU *

10 mL urine sample ° Refrigerated

25 days ° Atomic absorption

Use specific request form B107: Endocrine disruptors and environmental toxicology

Anti-glomerular basement membrane antibody - Serum

MBG *

1 mL Serum ° Refrigerated

3 days ° EliA (Fluoro-Enzymoimmunologie)

Not to be confused with anti-epidermal basement membrane antibodies

Cryptosporidies - Microsporidies - direct diagnosis - PCR

MCRBM

Stools
Digestive biopsies ° Refrigerated

7 days ° PCR

Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology
The use of the purple S14UK transport bag is MANDATORY
Biopsies should be placed in a sterile tube with a drop of sterile physiological water.

Duchenne's muscular dystrophy - EDTA whole blood

MDUCH *

5 mL EDTA whole blood ° Ambient temperature

30 days ° MLPA

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.

Acute leukemia molecular screening mDX HEMAVISION SYSTEM - EDTA whole blood

MDXX *

5 mL EDTA whole blood ° Ambient temperature

30 days °

DNA NGS Panel solid tumor Melanoma — MELA

FFPE scrolls (6 scrolls of 10µm) or unstained slides (6 unstained 10µm slides), accompanied by an H&E slide with the tumor area circled strongly recommended when the tumor cellularity is <30% or an FFPE tumor block, or extracted DNA. ° Ambient temperature

14 days ° Detection of variants in a targeted gene panel using massively parallel sequencing (MPS).

For tumor tissue scrolls, a 1.5 mL Eppendorf tube (reference: Eppendorf tubes 3810X, 1.5 mL) is strongly recommended.
Use the specific request form B9-INTGB: Oncology-Solid tumors
The use of the S25UK transport bag is Mandatory.
Attach the anatomopathological report

S25 : Envelope Genetics and Molecular Oncology

Melatonin - Urine — MELAU *

[Indéfinie] 3 urine samples ° FROZEN

5 weeks ° Radio-immunoanalyse (RIA) - Immunoradiométrique

Collect urine in three separate periods:
8:00 PM to 8:00 AM
8:00 AM to 12:00 PM
12:00 PM to 8:00 PM
Record urine volume (diuresis) for each time interval.
Please attach the sample collection protocol with clinical details (P107)

Melatonin - 24-hour urine collection — MELT1 *

3 mL 24-hour urine collection ° FROZEN

5 weeks ° Radio-immunoanalyse (RIA) - Immunoradiométrique

Specify diuresis

viral meningoencephalitis panel - direct diagnosis - PCR — MENVI

1 mL CSF ° Refrigerated

2 days ° Real-time PCR

The use of the purple S14UK transport bag is MANDATORY

Metapneumovirus - hMPV - direct diagnosis - PCR — METBM

1 mL Nasopharyngeal aspirate and swab, BAL, bronchial aspiration. ° Refrigerated

2 days ° Real-time PCR

Use M4RT medium
Also available in multiplex PCR (VIRBM), including detection of RSV, HMPV, and Rhinovirus.
The use of the purple S14UK transport bag is MANDATORY
Other acceptable transport media: eSwab, Transwab and UTM. Alternatively, an Amies transport medium is acceptable.

S14: Special mycobacteria transport bags are to be used

Metformin - biological fluid — METFD *

2 mL Biological fluid ° Refrigerated

2 weeks ° HPLC - High Performance Liquid Chromatography

Specify:
- the reasons for the prescription (efficiency and/or toxicity test),
- the sampling time
- the treatment start date and/or the date of any change of dosage
- the dosage data (quantity administered, frequency, administration route),
- the subject's age, height and weight if possible.

Erythrocyte metformin - whole blood — METFE *

5 mL Heparin whole blood ° Refrigerated

2 weeks ° HPLC - High Performance Liquid Chromatography

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)

Metformin — METFO *

2 mL heparinised plasma (do not use tubes with gel separators) ° Refrigerated

2 weeks ° HPLC - High Performance Liquid Chromatography

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)

Methyl alcohol - Serum — METH *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

1 week ° Gas Phase Chromatography

Always indicate the clinical context
One specific aliquot is required for this analysis.

Methionine — METHI

1 mL heparinised plasma (do not use tubes with gel separators) ° FROZEN

1 week ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R1-INTGB : Amino Acids - Organic Acids)
Freeze the sample within one hour. Home collection is not recommended.
Sample in a fasting state (for infants, draw sample 3-4 hours after bottle)
One specific aliquot is required for this analysis.

Methotrexate — METHO *

1 mL heparinised plasma (do not use tubes with gel separators) ° FROZEN

1 week ° Enzyme-immunoassay

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
This method is not applicable in patients receiving carboxypeptidase (VORAXAZE®).
Warning: The analytical method used for quantification is not validated for therapeutic drug monitoring (TDM) in patients receiving low-dose methotrexate therapy for autoimmune disorders.

Methyl alcohol - urine — METHU *

10 mL urine sample ° Refrigerated

25 days ° Gas Phase Chromatography / FID detection

Sample at end of work shift

Methoxylated derivatives of catecholamines - Free metanephrines — METS

2 x 2 mL lithium heparin plasma (Gel-free separator tubes) ° FROZEN

5 days ° LCMS/MS

Fasting sample required
Freeze the sample within one hour. Home collection is not recommended.
2 specific aliquots for this analysis

Mevalonic acid - urine — MEVAL *

10 mL Early morning urine ° FROZEN

4 weeks ° Gas Phase Chromatography / Mass Spectrometry (GC-MS)

Attach the specific clinical information form (R26-INTGB: Metabolic Biochemistry)
Freeze the sample within one hour. Home collection is not recommended.
Sample during attack.

FLT3 Mutation screening - EDTA whole blood — MFLT3 *

5 mL EDTA whole blood ° Ambient temperature

30 days ° PCR + sequencing

Enclose the specific B12-INTGB request form: Molecular Genetics

Magnesium - serum — MG *

1 mL Serum ° Refrigerated

2 days ° Chemistry - Spectrophotometry

Magnesium - urines — MGU *

1 tube(s) Acidified 24H urine sample (pH = 1) ° Refrigerated

2 days ° Chemistry - Spectrophotometry

Store urine in a cool place during collection.
Urine acidified with HCl
Specify diuresis

Mianserin - Serum — MIAN *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

2 weeks ° HPLC - High Performance Liquid Chromatography

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.

Microscopy examination direct - Stool — MICRS *

20 g (Volume de selles équivalent à une pêche) Stool specimen ° Refrigerated

3 days °

Sample
Attach the specific clinical information form (R29-INTGB: Functional Coprology)

Microsatellite instability — MICSA *

10 white blades + 1 HES blade with a ring ° Ambient temperature

3 weeks ° PCR

Use the specific request form B9-INTGB: Oncology-Solid tumors
The use of the S25UK transport bag is Mandatory.
Attach the anatomopathological report

S25 : Envelope Genetics and Molecular Oncology

Milnacipran - Serum

MILNA *

3 mL Serum (do not use tubes with separator gel) ° FROZEN

3 weeks ° HPLC - High Performance Liquid Chromatography / UV detection

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
Freeze the sample within one hour. Home collection is not recommended.

Juvenalis - mineral panel

MINER *

2 X 1 mL serum (without phase separator): refrigerated;
2 x 2 ml plasma heparin (without phase separator): refrigerated;
4 mL urines (1 st morning urine) : réfrigéré ° Refrigerated

2 weeks °

Do not use tubes with phase separator
Fasting sample required
This is a panel of analyses, which must be sent in full to Eurofins Biomnis, without being separated
Consult the specific pre-analytical protocol (JU-P47)
Attach the specific health questionnaire (JU-Q01: JUVENALIS health questionnaire)
It is essential to identify the nature of the sample on each tube sent.
Do not combine the Juvenalis report and the Eurofins Biomnis report in the same file.

Juvenalis - MiniCheck

MINI *

[Indéfinie] 2 x 2 ml heparinized plasma (without separating gel): refrigerated ;
2 x 1 ml serum (without gel separator): refrigerated ;
2 ml serum (without separating gel): frozen ;
1 ml serum (without separating gel): frozen;
1 ml citrated plasma : frozen. °

3 weeks °

Do not use tubes with phase separator
Fasting sample required
This is a panel of analyses, which must be sent in full to Eurofins Biomnis, without being separated
It is essential to identify the nature of the sample on each tube sent.
Do not combine the Juvenalis report and the Eurofins Biomnis report in the same file.

Minocycline - Serum

MINO *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

1 week ° Microbiological method

Enclose the specific clinical information form (R18-INTGB : Infectious agents)

Mirtazapine - serum — MIRTA

2 mL Serum (do not use tubes with separator gel) ° FROZEN

7 days ° Liquid chromatography / Tandem mass spectrometry (LC-TMS/MS)

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.
Always draw blood at the same time before another administration
The following examinations can be performed on the same sample: Citalopram; Duloxetine; Fluoxetine; Fluvoxamaine; Mirtazapine; Paroxetine; Sertraline; Venlaflaxine.

Mitotane - plasma — MITH *

2 mL Heparin Plasma ° FROZEN

3 weeks ° HPLC - High Performance Liquid Chromatography

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
Freeze the sample within one hour. Home collection is not recommended.

Anti-mitochondrial antibodies - typing - serum — MITOT *

1 mL Serum ° Refrigerated

3 days ° Immunodot

Anti-mitochondrial antibodies - screening and titration - serum — MITOX *

1 mL Serum ° Refrigerated

4 days ° Immunofluorescence

MLL-AF4 (MLL-AFF1) quantitative PCR - EDTA whole blood — MLLAF *

5 mL EDTA whole blood ° Ambient temperature

30 days ° PCR

IgE against multiple individual allergens - Food and Inhalant panels - Serum — MM

1 x 1 mL Decanted serum (do not use tubes with separators) ° Refrigerated

3 days ° Enzyme-immunoassay

If a sample is taken from a gel tube, a decanted serum must be sent.

TP53 Gene - isolated — MMP53

2 x mL EDTA bone marrow ° Ambient temperature

10 days ° Targeted mutation analysis of a selected gene panel using massively parallel sequencing (MPS).

Samples to be collected from Monday to Friday
Sample must be refrigerated if transport is > 48 hours
Use the specific request form B8-INTGB: Malignant blood disorders
Attach:
- the results of the FBC- platelets
- the bone marrow report
- the immunophenotyping report

S9L: Envelopes yellow for karyotypes LYON

Manganese - Serum — MN *

2 mL Serum (do not use tubes with separator gel) ° Refrigerated

15 days ° ICP/MS

Epstein-Barr Virus - EBV - MNI test - serum — MNI *

1 mL Serum ° Refrigerated

1 day ° Agglutination

Storage temperature (2-8°C) < 7 days during transport of specimen.
If the result is negative, the EBVG and EBVM analyzes are triggered.

Manganese - Sang total — MNST *

5 mL Heparinized whole blood (avoid tubes with separator) ° Refrigerated

10 days ° ICP/MS

Manganese - urine — MNU *

10 mL Random urine ° Refrigerated

15 days ° ICP/MS

Sample at end of work shift and at end of working week

Moclobemide - Serum

MOCL *

1 mL Serum (do not use tubes with separator gel) ° FROZEN

2 weeks ° HPLC - High Performance Liquid Chromatography

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)

Anti-MOG antibodies - serum

MOG

500 µL serum (do not use 10 mL tube) ° Refrigerated

8 days ° Immunofluorescence

Anti-MOG antibodies - CSF

MOGPL

300 µL CSF ° Refrigerated

8 days ° Immunofluorescence

No compact or urine container for CSF samples

Blood karyotype

MOHC1

5 mL Heparinized whole blood, 2 mL Bone marrow (lithium heparin), lymph nodes ° Ambient temperature

Time according to indication:
- AL: 1 week

Bone marrow: 1 heparinised syringe or medullary puncture transferred into a lithium heparinate tube ,Lymph node: sterile bottle
Cytogenetic study in the context of Myeloma: must be performed on bone marrow (not on peripheral blood).
Exception: Plasma cell leukaemia: peripheral blood or bone marrow.
Attach:
- the clinical and therapeutic data
- the results of the FBC - Platelets
- the bone marrow report
- the immunophenotyping report

S9L: Envelopes yellow for karyotypes LYON

Haematological and molecular cytogenetics - FISH — MOHC2

5 mL Heparinised whole blood, 2 mL Bone marrow, lymph nodes ° Ambient temperature

2 weeks if isolated FISH request, otherwise according to indication (AL: 1 week, MPD and MDS: 2 weeks, NHL and

Bone marrow: 1 heparinised syringe or medullary puncture transferred into a lithium heparinate tube ,Lymph node: sterile bottle
Cytogenetic study in the context of Myeloma: must be performed on bone marrow (not on peripheral blood).
Exception: Plasma cell leukaemia: peripheral blood or bone marrow.
ALWAYS attach:
-The clinical and therapeutic details, full blood count results, platelets levels
The bone marrow report
Immunophenotyping report
The result of the Karyotype performed at the diagnostic step if not performed in Biomnis

S9L: Envelopes yellow for karyotypes LYON

Chromosome breakage - Fanconi anaemia - breakage screen - whole blood - postnatal — MOHC3

5 mL Heparin whole blood ° Ambient temperature

10 days ° Chromosome fragility with mitomycine

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Use the specific form B13 : Cytogenetic
Attach the clinical data
ALWAYS attach the last blood/platelet count results.

S9L: Envelopes yellow for karyotypes LYON

Gene rearrangements, deletion, amplification - solid tumors - FISH — MOHC4

[Indéfinie] Paraffin-embedded tumor block or white slides (3 minimum) ° Ambient temperature

10 days ° Molecular cytogenetics or FISH

Use the specific request form B9-INTGB: Oncology-Solid tumors
Attach the anatomopathological report
The use of the S25 or S9L transport bag is Mandatory.

#MULTIVALUE

HER2 - Human Epidermal growth factor Receptor 2 - status - invasive breast tumors - FISH — MOHC5

[Indéfinie] Paraffin-embedded tumor block or white slides (3 minimum) ° Ambient temperature

10 days ° Molecular cytogenetics or FISH

Use the specific request form B9-INTGB: Oncology-Solid tumors
Attach the anatomopathological report
The use of the S25 or S9L transport bag is Mandatory.

#MULTIVALUE

Molybdenum - Plasma

MOLYP *

2 mL Heparin plasma (do not use tubes with separator gel) ° Refrigerated

2 weeks ° Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)

Do not use gel tube

IgE against multiple individual allergens - inhalant allergens - Serum

MP

1 x 1 mL Decanted serum (do not use tubes with separators) ° Refrigerated

3 days ° Enzyme-immunoassay

If a sample is taken from a gel tube, a decanted serum must be sent.

Mycophenolate - plasma

MPHEN *

2 mL EDTA Plasma ° Refrigerated

2 days ° Chemistry - Spectrophotometry

Mandatory clinical information sheet :
- R13: for unic drug level assesment
- R31: for Calculations of Airs under the curve (AUC). R31 Form MUST accompany one or several files. It must be completed entirely.
The calculation of the area under the curve (AUC) is used for the therapeutic adjustment of CELLCEPT mycophenolate: kinetics of CELLCEPT over several sampling times after taking the drug must be performed.

Each assay is the subject of a separate file in which the dates and times of sampling and setting must be well documented to identify the different times T0, T20, T30, T60, T120, T180.
The times required depending on the clinical context and prescription are indicated in the table attached with form R31:
The different mycophenolate level records at a precised time are reported separately and an AUC calculation is added.
Refer to the table

Anti-MPO antibodies - myeloperoxidase - Serum

MPO *

2 mL Serum ° Refrigerated

3 days ° EliA (Fluoro-Enzymoimmunologie)

Monkeypox virus - direct diagnosis - PCR — MPOX

Skin lesion swabs, genital swabs, anal swabs, oropharyngeal/nasopharyngeal swabs, skin lesion biopsies, pus ° Refrigerated

2 days ° Real time PCR

Use M4RT medium
.
Transport UN3373: triple packaging diagnobox
.
Other acceptable transport media: eSwab, Transwab and UTM. Alternatively, an Amies transport medium is acceptable.

S14: Special mycobacteria transport bags are to be used

Mucopolysaccharides - urines — MPSU *

30 mL 24hr or random urine sample (child) ° FROZEN

4 weeks °

Attach the specific clinical information form (R26-INTGB: Metabolic Biochemistry)

Methaqualone - urine — MQUOU *

5 mL Random urine ° FROZEN

1 week ° Gas Phase Chromatography / Mass Spectrometry (GC-MS)

In accordance with the regulation, all requests must ALWAYS contain:
- the sampling date and time, the date and time of the last dose
- the reasons for the prescription (efficiency and/or toxicity test)
- the treatment start date and/or the date of any change of dosage
- the subject's age, height and weight, when possible
- the dosage data (quantity administered, frequency, administration route)
- the medical follow-up sheet
Please remember that the Eurofins Biomnis laboratory does not perform toxicological analysis for medico-legal purposes. Do not submit requests based on judicial requisition. Such analysis must be carried out by laboratories specialized in forensic expertise.

Specific IgE : inhalant allergens - allergen mix — MR

1 mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay

Specify the allergens

IgE against multiple individual allergens - food allergens - Serum — MT

1 x 1 mL Decanted serum (do not use tubes with separators) ° Refrigerated

3 days ° Enzyme-immunoassay

Methoxylated derivatives of catecholamines - Free metanephrines - child - Urine — MTAEN

2 x 2 mL Urine from one micturition - do not send a pot or conical tube ° FROZEN

4 days ° LCMS/MS

Code reserved for children < 18 years of age (see specific code for adults).
Do not send a pot or conical tube - pre-analytical non-compliance, analysis not carried out.
Freeze quickly after the end of the collection.
2 specific aliquots for this analysis
No need of specific diet anymore.

Methoxylated derivatives of catecholamines - Free metanephrines - Urine — MTANU

1 tube(s) Homogenised 24-hour urine - do not send a jar or conical tube ° FROZEN

4 days ° LCMS/MS

Code reserved for adults from 18 years old (see specific code for children).
Do not send a pot or conical tube - pre-analytical non-compliance, analysis not carried out.
One specific aliquot is required for this analysis.
Specify the diuresis (volume of urine of 24H).
Freeze quickly after the end of the collection.
Urines have to be stored refrigerated during the collection process
No need of specific diet anymore.
Do not perform sampling during menstruation period.

Methadone - screening - Urine (urination) — MTD *

1 mL Urine (urination) ° Refrigerated

1 day ° Immunoenzymology

Please remember that the Eurofins Biomnis laboratory does not perform toxicological analysis for medico-legal purposes. Do not submit requests based on judicial requisition. Such analysis must be carried out by laboratories specialized in forensic expertise.

Methadone and EDDP - Serum — MTDS *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

3 weeks ° Gas Phase Chromatography / Mass Spectrometry (GC-MS)

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.
Please remember that the Eurofins Biomnis laboratory does not perform toxicological analysis for medico-legal purposes. Do not submit requests based on judicial requisition. Such analysis must be carried out by laboratories specialized in forensic expertise.

Methylenetetrahydrofolate reductase - MTHFR gene - c.1298A>C mutation — MTHF2

5 mL Whole blood EDTA (only), do not use tubes containing beads. ° Ambient temperature

9 days ° LAMP PCR

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Sample must be refrigerated if transport is > 48 hours
Enclose the specific B12-INTGB request form: Molecular Genetics

Methylenetetrahydrofolate reductase - MTHFR gene - c.677C>T mutation — MTHFR

5 mL Whole blood EDTA (only), do not use tubes containing beads. ° Ambient temperature

9 days ° LAMP PCR

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Sample must be refrigerated if transport is > 48 hours
Enclose the specific B12-INTGB request form: Molecular Genetics

Metoprolol - Serum — MTPRO *

2 mL Serum (do not use tubes with separator gel) ° Refrigerated

Variable TAT ° HPLC - High Performance Liquid Chromatography

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)

MUC1 nanopore Nephropathie — MUC1N

5 mL whole blood EDTA, DNA extracted ° Refrigerated

1 month ° Long Range PCR Amplification, Long Fragment Sequencing on Oxford Nanopore Technologies Platform.

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Sample must be refrigerated if transport is > 48 hours
Enclose the specific B12-INTGB request form: Molecular Genetics
Attach the clinical data

S34 : Sachet

Cystic fibrosis Detection of variations within the CFTR gene after massive — MUCO

5 mL Whole blood EDTA (only), do not use tubes containing beads. ° Ambient temperature

10 days ° CFTR gene analysis by Next generation sequencing

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Enclose the specific clinical information form (R23-INTGB : Cystic fibrosis gene analysis (CFTR gene))
Sample must be refrigerated if transport is > 48 hours
Enclose the specific B12-INTGB request form: Molecular Genetics
This test can be performed for reasons such as medically assisted procreation, family history, or clinical suspicion. Preconception screening and prenuptial screening are not authorized in France, any request received for this reason will be cancelled.

Cystic Fibrosis Detection of variations within the CFTR gene after massive — MUCOL

Fresh or cultured amniotic fluid, fresh or cultured trophoblast ° Ambient temperature

1 week ° CFTR gene analysis by Next generation sequencing

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
5 ml of whole blood on EDTA from each parent (quotation on request) is required to perform this test
Enclose the specific clinical information form (R23-INTGB : Cystic fibrosis gene analysis (CFTR gene))

Trans-muconic acid - ttMA - urine — MUCOU *

10 mL urine sample ° Refrigerated

3 weeks ° HPLC - High Performance Liquid Chromatography / UV detection

Collect the sample on a plastic container
Sample at end of work shift

Anti-smooth muscle antibodies - screening and titration - serum — MUSCX *

1 mL Serum ° Refrigerated

4 days ° Immunofluorescence

Anti-MuSK antibodies - serum — MUSK *

1 mL Serum ° Refrigerated

7 days ° Enzyme-immunoassay

Anti-striated muscle antibodies - serum

MUSTR *

1 mL Serum ° Refrigerated

2 days ° Immunofluorescence

Do not send haemolysed or lipemic samples.

Mycoplasma genitalium - Search by gene amplification - 2 sample

MYCB2 *

- Urethral swab, cervical/endocervical swab, vaginal swab (using the following collection devices: Copan, ESwab, M4RT, UTM, Sigma Transwab)
- Urine specimen without transport medium ° Refrigerated

1 day ° Molecular biology.
Technique: Eurobio Scientific (real-time PCR)

For other forms that are not reimbursed (anal, throat, etc.), use the code MYCHN

Mycoplasma genitalium - Search by gene amplification - 3 sample

MYCB3 *

- Urethral swab, cervical/endocervical swab, vaginal swab (using the following collection devices: Copan, ESwab, M4RT, UTM, Sigma Transwab)
- Urine specimen without transport medium ° Refrigerated

1 day ° Molecular biology.
Technique: Eurobio Scientific (real-time PCR)

For other forms that are not reimbursed (anal, throat, etc.), use the code MYCHN

Mycoplasma genitalium - Search by gene amplification - 1 sample

MYCBM *

- Urethral swab, cervical/endocervical swab, vaginal swab (using the following collection devices: Copan, ESwab, M4RT, UTM, Sigma Transwab)
- Urine specimen without transport medium ° Refrigerated

1 day ° Molecular biology.
Technique: Eurobio Scientific (real-time PCR)

For other forms that are not reimbursed (anal, throat, etc.), use the code MYCHN

Fungus - Yeasts - screening — MYCEX *

Skin, nails, hair collected in sterile vial, skin swabs collected in transport medium Amies; nt : Storage temperature: 72H at 2-8°C, 4 weeks at room temperature (Suspicion of dermatophytosis)
Bonchial secretions (10 mL), bronchopulmonary aspirates (10 mL), BAL (10 mL), Pus, abscesses, drains, buccal washes (5 mL) collected in sterile vials; Storage and transport temperature: 72H between 2 and 8°C
Vaginal, urethral, ENT and ophthalmological swabs in Amies transport medium; Storage and transport temperature: 72H between 2 and 8°C ° Refrigerated

1 week, until 1 month if presence of mold, or slow growing fungus ° Mycological culture

Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology
Samples without fixative
Suspicion of dermatophytosis: In the case of recent or ongoing antifungal treatment, wait 1 month after stopping treatment before taking nail and hair samples, and at least 2 weeks for skin samples. Do not use red-capped swabs. Nail swabs are not accepted.
Buccal swabs: Swabbing is reserved for patients with a visible lesion or who are unable to wash their mouth. In all other cases, it is preferable to perform a mouthwash.
Mouthwash: 10-second mouthwash with 10 ml sterile DE collected in a bottle, send the whole amount to the laboratory.
Candida auris screening:
screening using one swab from the axillary and inguinal folds (the same swab) and one nasal swab.
Mandatory specification of the mushroom sought in the event of a specific request

S14: Special mycobacteria transport bags are to be used

urogenital (ureaplasma urealyticum) mycoplasma (mycoplasma hominis) - serology - serum — MYCGE

1 mL serum (do not use 10 mL tube) ° Refrigerated

5 days ° Metabolic Inhibition

At a distance (72 h minimum) from any antibiotic treatment

Mycoplasma genitalium - Search by gene amplification — MYCHN *

Anal, throat (the following devices: Copan, E-swab, M4RT, UTM, Sigma Transwab) ° Refrigerated

1 day ° Molecular biology.
Technique: Eurobio Scientific (real-time PCR)

For other swabs (urine, urethral, vaginal, etc.), use the code MYCBM

Fungus - Yeasts - identification — MYCID *

Freshly subcultured pure strain (subculture <48 hours before dispatch) ° Ambient temperature

2-3 weeks, until 5 weeks if presence of mold, or slow growing fungus ° Culture and direct microscopic examination

Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology
Storage: room temperature, delivery: refrigerated

S10: Diagnobox (three layers of sealed packaging)

Mycoplasma pneumoniae - IgM serology - serum — MYCOM *

1 x 1 mL Serum ° Refrigerated

3 days ° Chemiluminescence

Storage temperature (2-8°C) < 7 days during transport of specimen.

Mycoplasma pneumoniae - IgG serology - serum — MYCPN *

1 x 1 mL Serum ° Refrigerated

3 days ° Chemiluminescence

For children, Mycoplasma pneumoniae IgM serology will be automatically performed.

Myoglobin - serum — MYOG *

1 mL Non-hemolysed serum ° FROZEN

1 day ° EIA

Myoglobin - urine — MYOGU *

1 tube(s) 24hr or random urine sample ° FROZEN

4 days ° Electrochemiluminescence

Specify diuresis. Centrifugate and decant urine. Check for cloudiness and macroscopic hematuria.

Mycoplasma pneumoniae - direct diagnosis - PCR — MYPBM

Nasopharyngeal swabs, nasopharyngeal aspirates, BAL, sputum, CSF, pericardial fluid, joint fluid, biopsies (pulmonary, vascular, cardiac) ° Refrigerated

3 days ° Real-time PCR

Use M4RT medium
The use of the purple S14UK transport bag is MANDATORY
Samples (other than swabs) must be sent as is, in a sterile container, without transport medium.
Other acceptable transport media: eSwab, Transwab and UTM. Alternatively, an Amies transport medium is acceptable.

S14: Special mycobacteria transport bags are to be used

MPN-Diagnosis-(DG) NGS panel(Myeloproliferative neoplasms) CARL/CSF3R/ETNK1/JAK2/MPL/ SETBP1/SF3B1/ASXL1

MYSDG

5 ml EDTA whole blood or 2 ml EDTA bone marrow or DNA extracted : (200ng of DNA minimum) ° Ambient temperature

10 business days ° Targeted mutation analysis of a selected gene panel using massively parallel sequencing (MPS).

Samples to be collected from Monday to Friday
Sample must be refrigerated if transport is > 48 hours
Use the specific request form B8-INTGB: Malignant blood disorders
Attach:
- the results of the FBC - platelets
- the bone marrow report

S9L: Envelopes yellow for karyotypes LYON

NGS panel "MPN - DP (Diagnosis/Pronostic)" - (28 Genes)

MYSDP

5 ml EDTA whole blood or 2 ml EDTA bone marrow or DNA extracted : (200ng of DNA minimum) ° Ambient temperature

10 days (Results may require an extended turnaround time, one week, depending on the confirmation tests required by Sanger

Samples to be collected from Monday to Friday
Sample must be refrigerated if transport is > 48 hours
Use the specific request form B8-INTGB: Malignant blood disorders
Attach:
- the results of the FBC - platelets
- the bone marrow report

S9L: Envelopes yellow for karyotypes LYON

Panel NGS - Mastocytose: KIT/ASXL1/SRSF2/RUNX1

MYSKT

[Indéfinie] EDTA bone marrow or DNA extracted (200ng of DNA minimum) ° Ambient temperature

10 days (Results may require an extended turnaround time, one week, depending on the confirmation tests required by Sanger

Samples to be collected from Monday to Friday
Sample must be refrigerated if transport is > 48 hours
Use the specific request form B8-INTGB: Malignant blood disorders
Attach:
- the results of the FBC - platelets
- the bone marrow report

S9L: Envelopes yellow for karyotypes LYON

"AML" panel (Acute myeloid leukaemia) (42 Genes)

MYSLA

2 ml EDTA bone marrow or 2 x 5 ml EDTA whole blood if blast infiltration into the periphery is significant or DNA extracted : (200ng of DNA minimum) ° Ambient temperature

10 days (Results may require an extended turnaround time, one week, depending on the confirmation tests required by Sanger

Samples to be collected from Monday to Friday
Sample must be refrigerated if transport is > 48 hours
Use the specific request form B8-INTGB: Malignant blood disorders
Attach:
- the results of the FBC-platelets
- the myelogram report
- the immunophenotyping report

S9L: Envelopes yellow for karyotypes LYON

MDS- NGS panel (Myelodysplastic syndrome) (42 Genes) — MYSMD

[Indéfinie] 5 ml EDTA whole blood or 2 ml EDTA bone marrow or DNA extracted : (200ng of DNA minimum) ° Ambient temperature

10 days (Results may require an extended turnaround time, one week, depending on the confirmation tests required by Sanger

Samples to be collected from Monday to Friday
Sample must be refrigerated if transport is > 48 hours
Use the specific request form B8-INTGB: Malignant blood disorders
Attach:
- the results of the FBC - platelets
- the bone marrow report

CMML NGS panel (Chronic Myelomonocytic Leukemia) (24 Genes) — MYSMO

5 ml EDTA whole blood or 400 µL (minimum) EDTA bone marrow or DNA extracted: 1 ¿g (in a volume of 50 ¿l) ° Ambient temperature

10 days (Results may require an extended turnaround time, one week, depending on the confirmation tests required by Sanger

Samples to be collected from Monday to Friday
Sample must be refrigerated if transport is > 48 hours
Use the specific request form B8-INTGB: Malignant blood disorders
Please attach :
- the results of the last CBC/platelet count
- the bone marrow report
- the immunophenotyping results (if performed for suspected CMML - dedicated CMML Ac panel)

S9L: Envelopes yellow for karyotypes LYON

Naphtols (alpha and beta) - urine — NAPHT *

15 mL urine sample ° Refrigerated

25 days ° Liquid Phase Chromatography / Fluorimetry

Collect the sample on a plastic container

Naropeine - Serum — NARO *

2 mL Serum (do not use tubes with separator gel) ° Refrigerated

2 weeks ° HPLC - High Performance Liquid Chromatography

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)

NASH-FibroTest - serum — NASHT *

3 mL Non haemolysed serum ° FROZEN

5 days ° Biochemistry

Centrifuge the sample and decant rapidly
Fasting sample required

Aneuploidy screen by QF-PCR for chromosomes: 13,18,21,X et Y — NCDR

2 mL Fresh amniotic fluid (non haemorragic), Chorionic villius sampling ° Ambient temperature

2 days ° QF-PCR

For sample traceability purposes, we invite you to contact the International Division before sending samples
ALWAYS attach the medical prescription, the clinical patient's history and the consent form signed by both the patient and the prescribing clinical

Neopterin - plasma — NEOP *

1 mL Lithium heparin plasma ° FROZEN

1 month ° Radioimmunoassay

Freeze the sample within one hour. Home collection is not recommended.

Neopterin - LCR — NEOPL *

1 mL LCR ° FROZEN

3 weeks ° Radioimmunoassay

One specific aliquot is required for this analysis.
If Alzheimer's disease biomarkers (WBP14) are requested simultaneously, please collect 5 mL in total in a TAU-20.

Juvenalis - Panel - Neurocheck — NEURO *

2 x 0.5 mL saliva: frozen ;
5 mL whole blood edta EDTA : refrigerated;
2 mL plasma heparin (without separator gel) : refrigerated;
5 x 1 mL serum (without separator gel): refrigerated;
2 mL serum (without separator gel) : frozen;
1 mL plasma citrated : frozen; °

3 weeks °

Do not use tubes with phase separator
Fasting sample required
Saliva: first collection to be done when you wake up, second collection 30 minutes later, without eating, sleeping, or brushing your teeth (possible contamination by blood) but with usual morning activity. The collection can be carried out on 2 salivettes, compacts, sterile tubes, identified, time-stamped and frozen.
Do not combine the Juvenalis report and the Eurofins Biomnis report in the same file.

NFL - Neurofilaments — NFLCL *

3 mL 2 x 3 mL of serum ° FROZEN

15 days ° Enzyme-immunoassay

Freeze immediately after centrifugation.
A check of the glomerular filtration rate (renal function) is strongly recommended for interpreting the results.

Genome by long-read sequencing (Nanopore) - EDTA whole blood — NGENO

5 mL EDTA whole blood ° Ambient temperature

8 weeks for interpreted results excluding confirmatory analyses and 2

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
If transported at room temperature, the sample must reach us within 4 days. If transport takes longer than 4 days, the sample must be sent refrigerated.
Use specific request form B113: Genome
Please refer to note N34 "EXOME/GÉNOME - SENDER PREPARATION".

K34 : Kit Exome

Neisseria gonorrhoeae - Detection by molecular amplification — NGOBM *

Sample on Aptima collection kit (Hologic): Kit K11 : cervical, urethral, vaginal, conjonctival swab, biopsy, IUD. For liquid samples (200 µL minimum): sperm, Douglas pouch fluid, Bartollin fluid, peritoneal fluid
Kit K14: self-sampling (vaginal), samples and self-sampling (anal,pharyngeal) - Kit K12: urine from the 1st jet taken at least 1 hour after the last micturition. ° Ambient temperature

2 days ° Molecular biology

K11: Aptima Unisex Swab Collection Kit for endocervical and urethral swabs
K12: Aptima Urine Collection Kit for urine samples or sterile urine jar without additives.
PROHIBIT jars with integrated transfer needle or cannula.
K14: Aptima Multi-Test Swab Collection Kit for vaginal and self-collection of vaginal samples.

Nickel - Serum — NI *

3 mL Serum (do not use tubes with separator gel) ° Refrigerated

25 days ° ICP/MS

Use specific request form B107: Endocrine disruptors and environmental toxicology

Nickel - Urine — NIU

2 mL Urine sample ° Refrigerated

15 days ° ICP/MS

Collect the sample at the end or at the beginning of a shift
Use specific request form B107: Endocrine disruptors and environmental toxicology

Immunophenotyping: Lymphocytes CD56+ / CD16+ - Natural Killer Cells - EDTA whole blood — NK *

3 mL EDTA whole blood ° Ambient temperature

1 day ° Flow Cytometry

The sample must reach us WITHOUT FAIL within 24 hrs of sampling.
Analytical stability : 96h
Always attach the lymphocyte count performed on the same day as sampling.

N-Methylacetamide - urine

NMAC *

10 mL urine sample ° Refrigerated

25 days ° Gas Phase Chromatography / NPD

Sample at end of work shift

Anti-NMDA receptor antibodies - serum

NMDA

500 µL serum (do not use 10 mL tube) ° Refrigerated

8 days ° Immunofluorescence

Anti-NMDA receptor antibodies - CSF

NMDPL

300 µL CSF ° Refrigerated

8 days ° Immunofluorescence

No compact or urine container for CSF samples

Anti-neuromyelitis optica antibodies - serum

NMOAC

500 µL serum (do not use 10 mL tube) ° Refrigerated

8 days ° Immunofluorescence

Anti-neuromyelitis optica antibodies - CSF

NMOPL

300 µL CSF ° Refrigerated

1 week ° Immunofluorescence

No compact or urine container for CSF samples

Nocardia - PCR

NOID *

Brain abscess, skin abscess, bronchial aspiration, brain biopsy, lung biopsy, sputum, BAL, CSF, various fluids ° Refrigerated

10 days ° PCR

To place in a sterile container adapted to the volume.
Sterile pot without needle
Transit time: 72h between 2 and 8°C
Attach the clinical data

S14: Special mycobacteria transport bags are to be used

Norovirus - direct diagnosis - PCR - Stools — NORBM

Stools ° Refrigerated

5 days ° Real time PCR

The use of the purple S14UK transport bag is MANDATORY

Norovirus - screening - Stools — NOROS

500 mg Stools ° Refrigerated

1 day ° Immuno chromatography

Sample must be received and processed by Biomnis within 5 days of collection.
The use of the purple S14UK transport bag is MANDATORY

S14: Special mycobacteria transport bags are to be used

NPM1 mutation - EDTA whole blood — NPM1 *

5 mL EDTA whole blood ° Ambient temperature

30 days °

Targeted RNA sequencing — NRNAS

[Indéfinie] 1 tube de sang total prélevé sur tube PAX gene ° FROZEN

3 months ° RT Long range PCR amplification, followed by long fragment sequencing on Oxford Nanopore Technologies

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Transport frozen, see K10 collection protocol
Use specific request form B12: Constitutional molecular genetics: Use ¿Other¿ box

K10 : PAXgene tube

NSE - Neuron-Specific Enolase - serum — NSE *

1 x 1 mL Non haemolysed serum ° FROZEN

1 day ° Electrochemiluminescence

Freeze the sample within one hour. Home collection is not recommended.
Centrifuge and settle within one hour following sampling
ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.
Separator gel tubes must be centrifuged and the supernatant must decanted before the freezing step

NSE - Neuron-Specific Enolase - biological fluid — NSED *

1 mL Biological fluid ° FROZEN

1 day ° Electrochemiluminescence

Not to to be performed on haemolysed sample
ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Non tuberculosis mycobacteria - PCR detection of macrolide and aminoglycoside resistance — NTMDR

Isolated strain on solid or in liquid medium (triple packing) ° Ambient temperature

3 days ° PCR - GenoType® NTM-DR (Hain)

Enclose the specific clinical information form (R12-INTGB : Mycobacteria)

S10: Diagnobox (three layers of sealed packaging)

NTx - N-telopeptides of type I collagen - urines — NTX

2 tube(s) (Obligatoire) 1st or 2nd Early morning urine ° FROZEN

15 days ° Enzyme-immunoassay

Avoid urine containers and preferentially use hemolysis tubes
Fasting sample required
The urine creatinine level, essential information for the result interpretation, is systematically performed
The urinary creatinine will be tested systematically on the same sample (SFBC recommendations). The sampling method chosen must be retained in repeat prescriptions

Anti-nucleosome antibodies - serum — NUCAC *

1 mL Serum ° Refrigerated

3 days ° Immunofluorimetry

Pigeon breeder's lung disease - screening - serum — OIS

1 mL Serum ° Refrigerated

5 days ° Fluorescent enzyme-immunoassay

If screening is positive, the confirmation test is automatically performed.
The confirmation serology of the bird lung disease code = OISC cannot be performed without a concurrent request for an screening test code = OIS
If possible, specify the bird type

Bird-breeder's lung - confirmation - serum — OISC

200 µL Serum ° Refrigerated

2 weeks ° western blot

Screening is mandatory prior to confirmation
If possible, specify the bird type

Olanzapine — OLAN

2 mL lithium heparin plasma (do not use tubes with separator gel) ° Refrigerated

1 week ° Liquid chromatography / Tandem mass spectrometry (LC-TMS/MS)

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.
Always draw blood at the same time before another administration
The following tests can be performed on the same sample: Aripiprazole; Clozapine; Haloperidol; Olanzapine; Quetiapine; Risperidone.

Oligosaccharides - screening - urine — OLIGU *

10 mL Urine ° FROZEN

3 weeks °

Attach the specific clinical information form (R26-INTGB: Metabolic Biochemistry)
Freeze the sample within 1 hour after sampling

Opiates - dosage - plasma — OPIS

2 mL Fluor plasma (do not use tubes with separating gel) ° Refrigerated

7 days ° LC-MS/MS

Spin down and immediately decant plasma from cells.
Immediately decant the plasma.(maximum 1 hour)
Please remember that the Eurofins Biomnis laboratory does not perform toxicological analysis for medico-legal purposes. Do not submit requests based on judicial requisition. Such analysis must be carried out by laboratories specialized in forensic expertise.

Opiates - dosage - urines — OPIU

2 mL urines ° Refrigerated

8 days ° LC-MS/MS

Please remember that the Eurofins Biomnis laboratory does not perform toxicological analysis for medico-legal purposes. Do not submit requests based on judicial requisition. Such analysis must be carried out by laboratories specialized in forensic expertise.

Mumps - IgG/IgM serology - serum

ORE *

1 mL Serum ° Refrigerated

2 days ° Chemiluminescence

Storage temperature (2-8°C) < 7 days during transport of specimen.

Mumps - direct diagnosis - PCR

OREBM

Saliva, nasopharynx, CSF ° Refrigerated

5 days ° RT - PCR in real time

Use M4RT medium
The use of the purple S14UK transport bag is MANDATORY
Samples (other than swabs) must be sent as is, in a sterile container, without transport medium.
Other acceptable transport media: eSwab, Transwab and UTM. Alternatively, an Amies transport medium is acceptable.

S14: Special mycobacteria transport bags are to be used

Mumps - IgG serology - serum

OREG *

1 mL Serum ° Refrigerated

2 days ° Chemiluminescence

Storage temperature (2-8°C) < 7 days during transport of specimen.

Anti-Xa activity : Danaparoid - Orgaran - plasma

ORG *

1 mL Citrated Plasma ° FROZEN

1 day ° Chromogenic method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
Freeze the sample within one hour. Home collection is not recommended.
ALWAYS specify the current anticoagulant treatment (dosage) and the injection and sampling times
The samples should be collected at the mid-point between two injections.
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Organic acids - quantitative - urine — ORGU

2 tube(s) Early morning urine (fasting) ° FROZEN

1 month ° Gas Phase Chromatography / Mass Spectrometry (GC-MS)

Enclose the specific clinical information form (R1-INTGB : Amino Acids - Organic Acids)
The urine creatinine level, essential information for the result interpretation, is systematically performed
Freeze the sample within 1 hour after sampling
Forward preferably urination during an acute episode.

Tube for urine sample (4mL)-T28

Orosomucoid - serum — ORO *

1 mL Serum ° FROZEN

2 days ° Immuno turbidimetry

ALWAYS specify the patient's age and gender

Osmolarity - serum — OSM *

1 mL Serum ° Refrigerated

2 days ° Cryoscopy

Osmolarity - urines — OSMU *

1 tube(s) 24hr or random urine (unacidified - no preservatives) ° Refrigerated

2 days ° Cryoscopy

Osteocalcin - Serum — OSTEO *

1 mL Serum ° FROZEN

1 day ° Electrochemiluminescence

Serum not hemolysed
Gel tubes must be decanted before referral in order to avoid haemolysis at the defrosting stage.
ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Anti-ovarian antibodies - serum

OVAC

1 mL serum (do not use 10 mL tube) ° Refrigerated

8 days ° Immunofluorescence

Carbon monoxide

OX *

1 mL Whole blood, lithium heparin (tubes without separating gel) ° Refrigerated

5 days ° Biochemistry

Do not use gel tubes; do not use 2 mL tubes (use only 4 or 6 mL tubes); fill the tubes completely.

Oxalic acid - serum

OXA *

3 mL Serum ° FROZEN

1 month ° Chemistry - Spectrophotometry

Attach the specific clinical information form (R26-INTGB: Metabolic Biochemistry)
Freeze the sample within one hour. Home collection is not recommended.
Sample in a fasting state (for infants, draw sample 3-4 hours after bottle)
One specific aliquot is required for this analysis.

Oxacillin - Serum

OXAC *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

1 week ° Microbiological method

Centrifuge the sample and decant rapidly
Enclose the specific clinical information form (R18-INTGB : Infectious agents)

Oxalic acid - Urine — OXAU

5 mL Acidified 24-hour urine: pH between 2 and 3 (1 tube 5 mL) ° Refrigerated

5 days ° Spectrophotometry

Avoid urine containers and preferentially use hemolysis tubes
The following is essential for the oxalic acid assay:
- 24-hour urine collection, keep refrigerated
- indication of diuresis volume
- acidification of urine by the sampling laboratory by adding hydrochloric acid (HCl) to obtain a urinary pH between 2 and 3.

In practice, urine can be acidified as follows:
- homogenise the entire diuresis very vigorously
- take a urine sample volume of 50 mL
- acidify this urine sample with the help of 6N hydrochloric acid
- homogenise the urine well after each addition of HCl before each pH testing
- measure pH with the help of pH paper or a pH meter.

Oxazepam - Serum — OXAZ *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

2 weeks ° LCMS

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.

Juvenalis - OxyCheck — OXYC *

2 x 2 ml plasma (without phase separator) : heparin refrigerated;
1 ml serum (without phase separator) : frozen ;1 ml serum (without phase separator) : refrigerated;
2 ml plasma lithium heparin (without phase separator): frozen < 90mn
1 red blood cell pellet lithium heparin : frozen (= the pellet from one of the heparinised tubes after pipetting the plasma) °

4 weeks °

Do not use tubes with phase separator
Fasting sample required
This is a panel of analyses, which must be sent in full to Eurofins Biomnis, without being separated
It is essential to identify the nature of the sample on each tube sent.
Do not combine the Juvenalis report and the Eurofins Biomnis report in the same file.
For the 2 ml aliquot of lithium heparinised plasma: centrifugation at refrigerated temperature (10 minutes at 2800g)

Phosphorus - serum — P *

1 mL Serum ° Refrigerated

2 days ° Chemistry - Spectrophotometry

P1NP - Intact N-Terminal Propeptide of Type I Procollagen - serum

P1NP *

1 mL Non haemolysed serum ° Refrigerated

2 days ° Electrochemiluminescence

ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Trisomy 21 - 1st trimester combined screening

P21

3 mL Serum (please do not send the gel tube) ° Refrigerated

3 days ° TRACE (Time-Resolved Amplified Cryptate Emission)

If a sample is taken from a gel tube, it is necessary to send a decanted serum
The sample must be free of lipids, jaundice and haemolysis; do not use plasma.
The sample must be centrifuged as soon as possible, within a maximum of 4 hours.
For French overseas departments and territories and international shipments: MUST BE FROZEN WITHIN 4 HOURS
Retain the serum sample until the result is received.
In accordance with the Order of 23 June 2009 (Official Journal of 3 July 2009), it is MANDATORY to enclose the medical prescription, the information sheet, a copy of the ultrasound report and the consent form for the pregnant woman (template provided by the decree of 14 January 2014), duly completed and signed by the prescriber and the patient.

HIV - Human Immunodeficiency Virus - p24 antigen - serum

P24AG *

1 mL Serum ° Refrigerated

1 day ° Enzyme-immunoassay

With neutralisation test if positive
ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Type III procollagen - serum

P3P *

1 mL Serum ° FROZEN

2 weeks (if dilution/control needed - TAT 4 weeks ° Radioimmunoassay

Centrifuge, Decant, freeze rapidly

Nutritol - IgG food panel - 100 foods - serum

PA100

3 mL Serum ° Refrigerated

3 weeks ° ELISA

Fasting sample required
Avoid icteric, lipemic or hemolyzed samples

Nutritol - IgG food panel 287 foods - serum — PA287

200 µL Serum ° Refrigerated

3 weeks ° EIA

Fasting sample required
Avoid icteric, lipemic or hemolyzed samples

Nutritol - IgG food panel - 50 foods VEGAN - serum — PA50V

3 mL Serum ° Refrigerated

21 days ° ELISA

Fasting sample required
Avoid icteric, lipemic or hemolyzed samples

Nutritol - IgG food panel - 25 foods - serum — PAG25

3 mL Serum ° Refrigerated

3 weeks ° ELISA

Fasting sample required
Avoid icteric, lipemic or hemolyzed samples

Nutritol - IgG food panel - 50 foods - serum — PAG50

3 mL Serum ° Refrigerated

3 weeks ° ELISA

Fasting sample required
Avoid icteric, lipemic or hemolyzed samples

PAI1 - Plasminogen activator inhibitor-1 - plasma — PAI1 *

1 mL Citrated Plasma ° FROZEN

2 weeks ° Enzyme-immunoassay

One specific aliquot is required for this analysis.
Preferably withdraw from a tube containing blood platelet stabilizing agents (CTAD).
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

PAI1 - Plasminogen activator inhibitor-1 - mutation - EDTA whole blood — PAIMY *

5 mL EDTA whole blood ° Ambient temperature

4 weeks °

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Sample must be refrigerated if transport is > 48 hours
Enclose the specific B12-INTGB request form: Molecular Genetics

Alkaline phosphatases - serum — PAL *

1 mL Serum ° Refrigerated

2 days ° Chemistry - Spectrophotometry

Not to be performed on EDTA plasma

Alkaline phosphatases - fluid — PALD *

1 mL Miscellaneous Fluid ° Refrigerated

2 days ° Chemistry - Spectrophotometry

Alkaline phosphatases bone - serum — PALO *

1 mL Non-hemolysed serum ° FROZEN

1 day ° EIA

Gel tubes must be decanted before referral in order to avoid haemolysis at the defrosting stage.
One specific aliquot is required for this analysis.
Not to be performed on EDTA plasma

Sérologie Palustre (IgM/IgG) — PALU

1 mL Human serum or plasma (citrate or heparin) ° Refrigerated

15 days ° ELISA

Breast Cancer Prognostic Gene Signature Assay - PROSIGNA TEST — PAM50 *

Formalin-fixed and paraffin embedded breast tumor tissue block ° Ambient temperature

10 days ° This test was performed in collaboration with Institut Curie- Paris

Attach the histology and immunohistochemistry report
Use the specific request form B9-INTGB: Oncology-Solid tumors

DNA NGS Panel solid tumor Pan-organ : 64 genes — PAN

FFPE scrolls (6 scrolls of 10µm) or unstained slides (6 unstained 10µm slides), accompanied by an H&E slide with the tumor area circled strongly recommended when the tumor cellularity is <30% or an FFPE tumor block, or extracted DNA. ° Ambient temperature

14 days ° Detection of variants in a targeted gene panel using massively parallel sequencing (MPS).

For tumor tissue scrolls, a 1.5 mL Eppendorf tube (reference: Eppendorf tubes 3810X, 1.5 mL) is strongly recommended.
Use the specific request form B9-INTGB: Oncology-Solid tumors
The use of the S25UK transport bag is Mandatory.
Attach the anatomopathological report

S25 : Envelope Genetics and Molecular Oncology

Adult food allergy panel - specific IgE — PANAA

2 mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

B-Lactamine Antibiotic Allergy Panel - specific IgE — PANAB

2 mL serum ° FROZEN

7 days ° Fluoro-Enzymoimmunology - Phadia-ThermoFisher Scientific/GSD

Use the specific request form B62: allergological panel

Child food allergy panel - specific IgE — PANAE

2 mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

Professional allergens panel - specific IgE — PANAP

2 mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

Cereals Panel - specific IgE

PANCE

2 mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

Anti-lactoferrin antibodies and anti carbonic anhydrase antibodies - serum

PANCR *

2 mL Serum ° Refrigerated

5 weeks ° Enzyme-immunoassay

Allergy profile Northern Europe - specific IgE

PANEN

2 mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

Allergy profile Southern Europe - specific IgE

PANES

2 mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

Nuts panel - specific IgE

PANFC

2 mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

Exotic fruits and latex panel - specific IgE

PANFE

2 mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

Gluten allergy and intolerence profil — PANIG

2 mL Serum ° Refrigerated

3 days °

Use the specific request form B62: allergological panel

Venom and insect allergy panel - specific IgE — PANIN

2 mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

Cow's milk and protein panel - specific IgE — PANLA

2 mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

Profile (cross reaction LTP) - Ige spécifiques — PANLT

2 mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

NSAID and paracetamol allergy panel - specific IgE — PANME

2 mL Serum ° FROZEN

7 days ° Fluoro-Enzymoimmunology -GSD

Use the specific request form B62: allergological panel

Middle East allergy profile - specific IgE — PANMO

2 mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

Egg panel - specific IgE

PANOE

2 mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

Seafood product panel - specific IgE

PANPM

2 mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

House dust panel - specific IgE

PANPO

2 mL Serum ° Refrigerated

Use the specific request form B62: allergological panel

Profile (cross reaction PR10) - specific IgE

PANPR

2 mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

Adult respiratory allergy panel - Ige spécifiques

PANRA

2 mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

Child respiratory allergy panel - specific IgE

PANRE

2 mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

Antioxidant activity - plasma — PAOXS *

1 mL Lithium heparin plasma ° FROZEN

20 days ° Colorimetry

Freeze the sample within one hour. Home collection is not recommended.
Refrigerated centrifugation

Paraben - urines - Paraben — PARAB *

6 mL Early morning urine ° Refrigerated

4 weeks ° LCMS/MS

To be carried out preferably on the first urination in the morning.
One specific aliquot is required for this analysis.
Use specific request form B107: Endocrine disruptors and environmental toxicology

Paragonimiasis - serum — PARAG *

1 mL Serum ° Refrigerated

1 month ° Western-Blot

Parvovirus B19 - direct diagnosis - PCR — PARBM

1 mL bone marrow (EDTA tube) ° Refrigerated

6 days ° Real-time PCR

Biopsies should be placed as they are, in a dry tube
The use of the purple S14UK transport bag is MANDATORY
The following samples are not accepted: placenta, umbilical cord or any other sample of foetal origin (except blood).

Parvovirus B19 - direct diagnosis - PCR - amniotic fluid — PARLA

8 mL amniotic fluid ° Refrigerated

4 days ° Real-time PCR

Attach the patient's informed consent (D44 consent_Post-Prenatal)
The use of the purple S14UK transport bag is MANDATORY
Use the specific form B3-INTGB: Cytogenetic

Paroxetine - serum

PAROX

2 mL Serum (do not use tubes with separator gel) ° FROZEN

7 days ° Liquid chromatography / Tandem mass spectrometry (LC-TMS/MS)

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.
The following examinations can be performed on the same sample: Citalopram; Duloxetine; Fluoxetine; Fluvoxamaine; Mirtazapine; Paroxetine; Sertraline; Venlaflaxine.

Parasitology - microscopy

PARSP *

Fresh stool collected in sterile jars without needles (5g or 5ml if liquid) ° Refrigerated

5 days ° Microscopy

This analysis is carried out in collaboration with the Clermont-Ferrand University Hospital; however, it can also be carried out by molecular biology in our laboratory, depending on the clinical context.
Enclose the specific request form B112 : Bacteriology-Parasitology-Mycology
ATTENTION: stool parasitology does not include testing for anguillula, which must be carried out using the Baermann concentration method.
If it cannot be sent immediately, it should be stored for a maximum of 48 hours at room temperature: this reduces the sensitivity of the test (loss of vegetative forms of protozoa).
This examination must be repeated (perform 3 parasitological examinations of the stools over a period of 7 to 10 days).
Transit time: <48h at room temperature (+15°C to +25°C) before dispatch - 7 days refrigerated between sampling date and arrival at our laboratory

S14: Special mycobacteria transport bags are to be used

Parvovirus B19 - IgG/IgM serology - serum

PARV *

1 x 1 mL Serum ° Refrigerated

2 days ° Chemiluminescence

Parvovirus B19 - immunity test - serum

PARVG *

1 mL Serum ° Refrigerated

2 days ° Chemiluminescence

Storage temperature (2-8°C) < 7 days during transport of specimen.
On specific request

Parvovirus B19 - viral load — PARVQ

1 mL EDTA whold blood or blood derivatives (serum/plasma) ° Refrigerated

6 days ° Real-time PCR

The use of the purple S14UK transport bag is MANDATORY

Acid phosphatases total - serum — PAT *

1 mL Serum ° Refrigerated

2 days ° Chemistry - Spectrophotometry

Lead - whole blood — PBST

5 mL Whole blood sodium heparin, lithium heparin, EDTA (Gel-free separator tubes) ° Refrigerated

7 days ° Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)

Specimen must be referred immediately after sampling given that the stability of the sample is 14 days.
Special trace element tubes (sodium heparin) are recommended. The use of vacuum tubes is recommended.
Childhood lead poisoning: caution, all childhood lead blood testing requests must be accompanied by the "Lead poisoning
in minor children" sheet downloadable on the site www.biomnis.com
In order to avoid the risk of external pollution:
Do not sample at the contaminated site.
The skin must be washed with disinfectant before sampling.
Use specific request form B107: Endocrine disruptors and environmental toxicology

Lead - urine — PBU

1 tube(s) 24hr Urine collection ° Refrigerated

7 days ° Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)

Urinary copper and lead were measured simultaneously.
Use specific request form B107: Endocrine disruptors and environmental toxicology

Protein C - activity - plasma

PC *

2 mL Citrated Plasma ° FROZEN

1 day ° Chromogenic method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
PC and PS are vitamin K dependant and testing must be perform well after any AVK treatment (1 month)
Attach the clinical information concerning the patient (significant inflammation, pregnancy, family history, etc.) and the clinical context (bleeding, thrombosis, preoperative assessment, etc.)
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Protein C - antigen - plasma

PCAG *

1 mL Citrated Plasma ° FROZEN

5 days ° Enzyme-immunoassay

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
One specific aliquot is required for this analysis.
ALWAYS specify the current anticoagulant treatment
Attach the clinical data relating to the patient (major inflammatory syndrome, pregnancy, etc.) and the circumstances (bleeding, thrombosis, preoperative evaluation, etc.)
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Detection and identification bacterial DNA - 16S PCR by NGS sequencing

PCRUN

0.5 mL (pour les prélèvements liquides, flacon stérile) Puncture fluids (joint fluid, ascites fluid, pericardial fluid, pleural fluid), osteoarticular samples, heart valve, deep eye samples (aqueous humor, vitreous humor), biopsy, CSF, bacterial strain ° Refrigerated

9 days ° NGS sequencing

Delivery time :
4h at room temperature (+15°C to +25°C) before dispatch
5 days refrigerated from date of sampling to arrival at our laboratory
1 month frozen at -20°C between sampling date and arrival at our laboratory
The use of the purple S14UK transport bag is MANDATORY
For biological fluids such as puncture fluids and osteoarticular samples: use an airtight, sterile container adapted to the volume. Grindings are acceptable.
For biopsies, do not add liquid to the sterile bottle.
Transport media and swabs are not accepted.

S14: Special mycobacteria transport bags are to be used

Procalcitonin

PCT *

1 mL serum ° FROZEN

1 day ° EIA-UniCel DxI - Beckman Coulter

Avoid more than 3 freeze / thaw cycles
One specific aliquot is required for this analysis.

DNA NGS Panel for pancreatic cancer — PDAC

FFPE scrolls (6 scrolls of 10µm) or unstained slides (6 unstained 10µm slides), accompanied by an H&E slide with the tumor area circled strongly recommended when the tumor cellularity is <30% or an FFPE tumor block, or extracted DNA. ° Ambient temperature

14 days ° Detection of variants in a targeted gene panel using massively parallel sequencing (MPS).

For tumor tissue scrolls, a 1.5 mL Eppendorf tube (reference: Eppendorf tubes 3810X, 1.5 mL) is strongly recommended.
Use the specific request form B9-INTGB: Oncology-Solid tumors
The use of the S25UK transport bag is Mandatory.
Attach the anatomopathological report

S25 : Envelope Genetics and Molecular Oncology

Serology diagnosis Alveolitis Allergic Extrinsic - screening - serum — PDEP

1 mL Serum ° Refrigerated

4 days ° Fluorescent enzyme-immunoassay

Specify the allergens

FDP - fibrinogen and fibrin degradation products - plasma — PDF *

1 mL Citrated Plasma ° FROZEN

1 day ° Automated latex immunoassay

One specific aliquot is required for this analysis.
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

PDGFR alpha - exons 12, 14, 18 — PDGFR *

Paraffin-embedded tumor block or paraffin slides ° Ambient temperature

4 weeks ° PCR + sequencing

Attach the anatomopathological report

Anti-epidermal basement membrane and intracellular substance antibodies - serum — PEAU

1 mL serum (do not use 10 mL tube) ° Refrigerated

2 days ° Immunofluorescence

Not to be confused with anti-glomerular basement membrane antibodies

Parechovirus - direct diagnosis - PCR — PECBM

1 mL Stool, CSF, Rhinopharynx ° Refrigerated

5 days ° Real-time PCR

Use M4RT medium
The use of the purple S14UK transport bag is MANDATORY
Samples (other than swabs) must be sent as is, in a sterile container, without transport medium.
Other acceptable transport media: eSwab, Transwab and UTM. Alternatively, an Amies transport medium is acceptable.

S14: Special mycobacteria transport bags are to be used

Pre-eclampsia - risk estimation - serum — PECLA

3 mL Serum (1 specific tube for pre-eclampsia screening) ° Refrigerated

1 week ° TRACE (Time-Resolved Amplified Cryptate Emission)

Enclose the specific clinical information form (R4-INTGB: Pre-eclampsia)
Risk assessment is possible for monofoetal pregnancies only
Sample must be collected between 11.0 and 13.6 weeks of amenorrhoea
Non hemolysed, non-icteric, non lipemic sample. Sample must be centrifuged as quickly as possible and international samples must be frozen within 4 hours of sampling; except for Switzerland, Luxembourg and Belgium (REFRIGERATED)
Please conserve an additional sample in your serolibrary until you have received the result.
Arterial blood pressure should be taken on both arms at the same time; if not, a single arm will suffice.
The period between the ultrasound scan, the taking of blood pressure and sample collection
must not exceed 10 days.

[To be translated]

Pefloxacin - Serum — PEFLO *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

1 week ° Microbiological method

Enclose the specific clinical information form (R18-INTGB : Infectious agents)

Anti-elastase activity - serum — PELAS *

1 mL Serum ° Ambient temperature

2 weeks ° Enzyme kinetics

Perampanel - Serum - PERAMPANEL

PERAM *

1 mL Serum (do not use tubes with separator gel) ° FROZEN

15 days ° HPLC - High Performance Liquid Chromatography

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.

Periciazine - Serum

PERIZ *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

2 weeks ° HPLC - High Performance Liquid Chromatography

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.

Myelogram - Perls staining

PERLS

2 Unfixed and unstained bone marrow slides ° Ambient temperature

4 days °

ALWAYS attach the results of the blood count

T25 : Slide cases (blood film or bone marrow analysis)

Pesticides - screening and/or dosage - urine

PESTU *

15 mL Urine ° FROZEN

21 days ° Liquid Phase Chromatography / Mass Spectrometry (LC-MS)

Use specific request form B107: Endocrine disruptors and environmental toxicology

Vesicular eruptions panel - direct diagnosis - PCR

PEV

Mucocutaneous swab ° Refrigerated

1 day ° Real-time PCR

Use M4RT medium
The use of the purple S14UK transport bag is MANDATORY
Other acceptable transport media: eSwab, Transwab and UTM. Alternatively, an Amies transport medium is acceptable.

S14: Special mycobacteria transport bags are to be used

Anti-PF4 antibodies - heparin - plasma

PF4 *

1 mL Citrated Plasma ° FROZEN

2 days ° Automated latex immunoassay

Attach completed information form (ref: R19)
Please supply the clinical pathology probability score if available (i.e. 4T score)
Indiquer spécifiquement si il s'agit d'une recherche dans un contexte de suspicion de VITT post-vaccination COVID 19
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Per- and polyfluoroalkyl compounds - 7 compounds panel - Serum

PFAS

2 mL Serum (do not use tubes with separator gel) ° Refrigerated

14 days ° LCMS/MS

One specific aliquot is required for this analysis.
PFAS are very persistent compounds, exposure over the few days before sampling will not have a significant effect on the result. However, precautions should be taken at the time of collection to avoid contaminating the sample:
Patient: no cream, lotion or sunscreen on the day of the blood test
Sampler: wearing gloves MANDATORY, avoiding latex
Use specific request form B107: Endocrine disruptors and environmental toxicology

Per- and polyfluoroalkyl compounds - extended panel - Serum

PFASM

2 mL Serum (do not use tubes with separator gel) ° Refrigerated

14 days ° LCMS/MS

One specific aliquot is required for this analysis.
PFAS are very persistent compounds, exposure over the few days before sampling will not have a significant effect on the result. However, precautions should be taken at the time of collection to avoid contaminating the sample:
Patient: no cream, lotion or sunscreen on the day of the blood test
Sampler: wearing gloves MANDATORY, avoiding latex
Use specific request form B107: Endocrine disruptors and environmental toxicology

Progesterone - serum

PG *

1 x 1 mL Serum ° Refrigerated

1 day ° CMIA

Tubes with phase separators must be centrifuged and decanted.

Progesterone — PG2 *

1 mL 1 mL serum T0
1 mL serum T1 ° Refrigerated

1 day ° CMIA

Tubes with phase separators must be centrifuged and decanted.

Progesterone — PG3 *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2 ° Refrigerated

1 day ° CMIA

Tubes with phase separators must be centrifuged and decanted.

Pharmacogenetic option on exome already sequenced at Eurofins Biomnis — PGX

No sampling: re-use of samples and data already present in the laboratory °

4 weeks ° LTwist library preparation, Illumina 2×150 sequencing on NovaSeq 6000.

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription. Use specific application form B110; or B34, B67, B61 tick pharmacogenetics option

K34 : Kit Exome

Specific IgE : inhalant allergen testing - Phadiatop® — PHA

1 mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay

Specific IgE - Respiratory and food allergen screen -Phadiatop® infant — PHABB

300 µL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay

Only for children younger than 2 years old.

Anti phospholipids antibodies - Serum — PHAC *

1 mL Serum ° Refrigerated

3 days °

[To be translated]

Phenylalanine — PHEAL

1 mL heparinised plasma (do not use tubes with gel separators) ° FROZEN

1 week ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R1-INTGB : Amino Acids - Organic Acids)
Freeze the sample within one hour. Home collection is not recommended.
Sample in a fasting state (for infants, draw sample 3-4 hours after bottle)
One specific aliquot is required for this analysis.

Phenylalanine - urine — PHEAU

2 tube(s) Early morning urine (fasting) ° FROZEN

1 week ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R1-INTGB : Amino Acids - Organic Acids)
Fasting sample required
Freeze the sample within one hour. Home collection is not recommended.
The urine creatinine level, essential information for the result interpretation, is systematically performed

Tube for urine sample (4mL)-T28

Phenylglyoxylic acid - urine — PHEGU *

15 mL Random urine ° Refrigerated

3 weeks ° HPLC - High Performance Liquid Chromatography / UV detection

Collect the sample at the end or at the beginning of a shift
Collect the sample on a plastic container

Phencyclidine - screening - Urine (urination) — PHEN *

1 mL Urine (urination) ° Refrigerated

1 day ° Immunoenzymology

Please remember that the Eurofins Biomnis laboratory does not perform toxicological analysis for medico-legal purposes. Do not submit requests based on judicial requisition. Such analysis must be carried out by laboratories specialized in forensic expertise.

Phenobarbital - Serum — PHENO *

1 mL Serum ° Refrigerated

1 day ° Enzyme-immunoassay

No gel tube
Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
Always draw blood at the same time before another administration

Phenol - urine — PHENU *

10 mL urine sample ° Refrigerated

25 days ° HPLC - High Performance Liquid Chromatography / UV detection

Sample at end of work shift

Phenytoin - Serum — PHENY *

1 mL Serum ° Refrigerated

1 day ° Immunoenzymology

No gel tube
Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
Always take at the same time at the residual rate before a new dose

Anti-phosphatidylethanolamine antibodies - IgG - serum — PHETG

300 µL serum (do not use 10 mL tube) ° Refrigerated

2 weeks ° Enzyme-immunoassay

Anti-phosphatidylethanolamine antibodies - IgM - serum — PHETH

300 µL serum (do not use 10 mL tube) ° Refrigerated

2 weeks ° Enzyme-immunoassay

Phosphoglucoisomerase — PHISO *

Tissue (3mg): Frozen
2 mL EDTA blood : Ambient °

3 weeks °

Phosphorylase kinase (GSD VIa, XIII, IX, X) — PHKA *

Tissue (3mg): Frozen
2 mL EDTA blood : Ambient °

3 weeks °

Phosphoglucomutase — PHMUT *

Tissue (3mg): Frozen
2 mL EDTA blood : Ambient °

3 weeks °

Phosphatidylethanol - Buvard ou sang total — PHOST

2 blood spots (EXACTLY 10µL) on blotting paper (DBS type) or 4 ml fluorinated or EDTA whole blood (tubes without separating gel) °

8 days ° LC-MS/MS

Fluoride blood - Refrigerated
EDTA blood - Refrigerated
Dried blood spot (DBS) - Room temperature
Check the specific protocol for sampling and storage (K16P)

K16 : blotting paper

pH - Stool — PHS *

20 g Stool specimen ° Refrigerated

7 days ° Chemistry - Spectrophotometry

Sample
Attach the specific clinical information form (R29-INTGB: Functional Coprology)

Phtalates - reducted panel - urines - Phtalates - reducted panel — PHTA *

6 mL Early morning urine ° Refrigerated

4 weeks ° LCMS/MS

To be carried out preferably on the first urination in the morning.
One specific aliquot is required for this analysis.
Use specific request form B107: Endocrine disruptors and environmental toxicology

Phtalates - extended panel - urines - Phtalates - extended panel — PHTAA *

6 mL Early morning urine ° Refrigerated

4 weeks ° LCMS/MS

To be carried out preferably on the first urination in the morning.
One specific aliquot is required for this analysis.
Use specific request form B107: Endocrine disruptors and environmental toxicology

Physical analysis - Stool

PHYSP *

[Indéfinie] Stool specimen ° Refrigerated

2 days ° weighing-infrared spectrometry-Microscopic examination of stool

Complete 24-hours stool collection
Attach the specific clinical information form (R29-INTGB: Functional Coprology)
Collection of 24-, 48- or 72-hour stool samples.
Use one stool container per 24-hour collection period. For 48- or 72-hour collections, group all containers in a single bag with a single request form. The samples will be pooled and processed as a single examination.

T10 : Stool container 1l

Alpha-1 Antitrypsin - PI phenotype

PIH

2 x 1 mL serum ° Refrigerated

14 days ° Isoelectric focusing

2 specific aliquots for this analysis

Proinsulin 10 time

PIN10

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 mL serum T5
1 mL serum T6
1 mL serum T7
1 mL serum T8
1 mL serum T9 ° FROZEN

7 days ° Chemiluminescence

Proinsulin 11 time

PIN11

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 mL serum T5
1 mL serum T6
1 mL serum T7
1 mL serum T8
1 mL serum T9
1 mL serum T10 ° FROZEN

7 days ° Chemiluminescence

Proinsulin 12 time — PIN12

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 mL serum T5
1 mL serum T6
1 mL serum T7
1 mL serum T8
1 mL serum T9
1 mL serum T10
1 mL serum T11 ° FROZEN

7 days ° Chemiluminescence

Proinsulin 13 time — PIN13

1 mL 1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 mL serum T5
1 mL serum T6
1 mL serum T7
1 mL serum T8
1 mL serum T9
1 mL serum T10
1 mL serum T11
1 mL serum T12 ° FROZEN

7 days ° Chemiluminescence

Parainfluenzae 1, 2, 3 - IgG serology - serum — PINF

1 mL serum (do not use 10 mL tube) ° Refrigerated

15 days ° SERION ELISA classic

nutritional proteins profile with PINI index - serum — PINI *

2 mL Serum ° FROZEN

1 day ° Immuno turbidimetry

ALWAYS specify the age and sex. This analysis includes: prealbumin, albumin, orosomucoid, CRP

Proinsulin 1 time - 1 mL T0 — PINS1

1 mL 1 mL T0 ° FROZEN

7 days ° Chemiluminescence

Proinsulin — PINS2

1 mL 1 mL serum T0
1 mL serum T1 ° FROZEN

7 days ° Chemiluminescence

Proinsulin — PINS3

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2 ° FROZEN

7 days ° Chemiluminescence

Proinsulin — PINS4

1 mL 1 mL Plasma T0
1 mL Plasma T1
1 ml Plasma T2
1 mL Plasma T3 ° FROZEN

7 days ° Chemiluminescence

Proinsulin — PINS5

1 mL 1 mL Plasma T0
1 mL Plasma T1
1 ml Plasma T2
1 mL Plasma T3
1 mL Plasma T4 ° FROZEN

7 days ° Chemiluminescence

Proinsulin PINS6

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 mL serum T5 ° FROZEN

7 days ° Chemiluminescence

Proinsulin 7 time PINS7

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 mL serum T5
1 mL serum T6 ° FROZEN

7 days ° Chemiluminescence

Proinsulin 8 time PINS8

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 mL serum T5
1 mL serum T6
1 mL serum T7 ° FROZEN

7 days ° Chemiluminescence

Proinsulin 9 time PINS9

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 mL serum T5
1 mL serum T6
1 mL serum T7
1 mL serum T8 ° FROZEN

7 days ° Chemiluminescence

Piperacillin - Serum — PIPE *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

4 weeks ° HPLC - High Performance Liquid Chromatography

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
Centrifuge the sample and decant rapidly
One specific aliquot is required for this analysis.

Pipecolic acid - plasma — PIPES *

2 mL Lithium heparin plasma ° FROZEN

3 weeks °

Attach the specific clinical information form (R26-INTGB: Metabolic Biochemistry)
Freeze the sample within one hour. Home collection is not recommended.
One specific aliquot is required for this analysis.

Pipecolic acid - CSF — PIPLX *

2 mL CSF ° FROZEN before sending

4 weeks °

Respiratory Infection Panel - direct diagnosis - PCR — PIR

Nasopharyngeal swabbing or aspiration; BAL ° Refrigerated

1 day ° Real-time PCR

Use M4RT medium
The use of the purple S14UK transport bag is MANDATORY
Swab samples require the use of a transport medium (viral) supplied in kit K1.
Samples (other than swabs) must be sent as is, in a sterile container, without transport medium.

S14: Special mycobacteria transport bags are to be used

Human babesiosis - serology - serum — PIRO

1 mL serum (do not use 10 mL tube) ° Refrigerated

8 days ° Immunofluorescence

Pneumocystis jirovecii - Quantitative PCR / fungal load — PJICF

BAL, respiratory samples (excluding biopsies) ° Refrigerated

1 day ° Real-time PCR

Do not use nasopharyngeal swabs
The use of the purple S14UK transport bag is MANDATORY

Erythrocyte pyruvate kinase — PKE *

5 mL Whole blood on ACD/EDTA Whole blood accepted for children under 3 years of age ° Refrigerated

2 weeks ° Spectrophotometry

One specific aliquot is required for this analysis.
Dosage at a distance from any transfusion less than 3 months old

T16: ACD tube (provided on request)

anti-PLA2R antibodies — PLA2R

1 mL Serum (no 10 mL tube) ° Refrigerated

7 days ° Chemiluminescence

One specific aliquot is required for this analysis.

Plasminogen - plasma — PLAS *

1 mL Citrated Plasma ° FROZEN

1 week ° Chromogenic method

One specific aliquot is required for this analysis.
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

S-Phenylmercapturic acid - urine — PMA *

10 mL Random urine ° Refrigerated

25 days ° HPLC/MS/MS

PML/RARA-t(15;17) quantitative PCR - EDTA whole blood — PMLR *

5 mL EDTA whole blood ° Ambient temperature

30 days ° PCR

Soluble bacterial antigens Streptococcus pneumoniae - urines — PNAGD

10 mL Urine ° Refrigerated

1 day ° Immuno chromatography

Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology
The use of the purple S14UK transport bag is MANDATORY
Supply one sample for each bacterium to be tested
Urine stored with boric acid are accepted

Streptococcus pneumoniae - capsular polysaccharide - serology - serum — PNUAC

1 mL serum (do not use 10 mL tube) ° Refrigerated

8 days ° Enzyme-immunoassay

Serodiagnosis of baker lung (Alveolitis Allergic Extrinsic) - screening - serum — POBO

1 mL Serum ° Refrigerated

4 days ° Fluorescent enzyme-immunoassay

Serodiagnosis of Mushroom worker's lung (Alveolitis Allergic Extrinsic) - screening - serum — POCH

1 mL Serum ° Refrigerated

4 days ° Fluorescent enzyme-immunoassay

Serodiagnosis of Domestic lung (Alveolitis Allergic Extrinsic) - screening - serum — PODO

1 mL Serum ° Refrigerated

4 days ° Fluorescent enzyme-immunoassay

Erythrocyte porphyrins — POE *

10 mL EDTA Whole Blood (store away from light) ° Refrigerated

10 days ° Spectrophotometry

Please attach the specific clinical information sheet (R43: Porphyrins)
The sample MUST reach us within 48 hours following sample collection.
Collect samples from Monday to Wednesday

Serodiagnosis of cheesemonger lung Alveolitis Allergic Extrinsic) - screening - serum — POFR

1 mL Serum ° Refrigerated

4 days ° Fluorescent enzyme-immunoassay

Poliovirus - serology - serum — POLIO

1 mL Serum ° Refrigerated

15 days ° Seroneutralisation

Polyomavirus BK - viral load — POPCR

1 mL Whole blood or plasma (EDTA), serum, urine ° Refrigerated

4 days ° Real-time PCR

The use of the purple S14UK transport bag is MANDATORY

Anti-proton pump antibodies - serum — POPRO *

1 mL Serum ° Refrigerated

10 days ° Enzyme-immunoassay

Porphobilinogen - urine — PORFU *

70 mL early morning urine sample (stored away from light) ° Refrigerated

10 days ° Ion Exchange Chromatography - colorimetry

T9 : Urine flasks 70 ml

Porphyrins - stool — POS *

300 mg Stools - random sample (stored away from light) ° Refrigerated

15 days ° Spectrophotometry

Please attach the specific clinical information sheet (R43: Porphyrins)
Advise the patient to store faecal samples in a refrigerator before sending to the laboratory
DIET : within 72 hours prior to the assay, avoid consuming rare red meat

Posaconazole - Serum

POSA *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

15 days ° LCMS

Enclose the specific information form R8 INTGB anti-fungal agents and anti-tuberculosis drugs

Porphyrins - Urines

POU

2 tube(s) Early morning urines sample (Stored away from light) ° FROZEN

14 days ° HPLC - High Performance Liquid Chromatography

The urine creatinine level, essential information for the result interpretation, is systematically performed
2 specific aliquots for this analysis
3-day diet without red meat or chlorophyll

Tube for urine sample (4mL)-T28

DNA NGS Panel solid tumor Lung

POUM1

FFPE scrolls (6 scrolls of 10µm) or unstained slides (6 unstained 10µm slides), accompanied by an H&E slide with the tumor area circled strongly recommended when the tumor cellularity is <30% or an FFPE tumor block, or extracted DNA. ° Ambient temperature

14 days ° Detection of variants in a targeted gene panel using massively parallel sequencing (MPS).

For tumor tissue scrolls, a 1.5 mL Eppendorf tube (reference: Eppendorf tubes 3810X, 1.5 mL) is strongly recommended.
Use the specific request form B9-INTGB: Oncology-Solid tumors
The use of the S25UK transport bag is Mandatory.
Attach the anatomopathological report

S25 : Envelope Genetics and Molecular Oncology

DNA NGS Panel solid tumor Lung extended

POUM2

FFPE scrolls (6 scrolls of 10µm) or unstained slides (6 unstained 10µm slides), accompanied by an H&E slide with the tumor area circled strongly recommended when the tumor cellularity is <30% or an FFPE tumor block, or extracted DNA. ° Ambient temperature

14 days ° Detection of variants in a targeted gene panel using massively parallel sequencing (MPS).

For tumor tissue scrolls, a 1.5 mL Eppendorf tube (reference: Eppendorf tubes 3810X, 1.5 mL) is strongly recommended.
Use the specific request form B9-INTGB: Oncology-Solid tumors
The use of the S25UK transport bag is Mandatory.
Attach the anatomopathological report

S25 : Envelope Genetics and Molecular Oncology

Pancreatic polypeptide - Serum

PPA *

1 mL Serum (do not use tubes with separator gel) ° FROZEN

1 month ° Radioimmunoassay

Centrifuge quickly at cooled temperature and immediately freeze serum

Helminthes - Protozoaires - direct diagnosis - PCR - Stool — PPARA

Stool specimen ° Refrigerated

5 days ° PCR

The use of the purple S14UK transport bag is MANDATORY
Enclose the specific request form B112 : Bacteriology-Parasitology-Mycology

Properdin - complement fraction — PPER *

5 mL citrated whole blood + 3 mL Serum ° Refrigerated

2 months °

Dispatch without delay after sampling (always within 48 hours)

Haemolysis protein profile - serum — PPHEM *

2 mL Serum ° FROZEN

2 days ° Immuno turbidimetry

This analysis includes: Orosomucoid and haptoglobin

Immunity protein profile without electrophoresis - serum — PPIMM *

2 mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

ALWAYS specify the patient's age and gender
This analysis includes: IgA, IgG, IgM

Inflammatory protein profile - serum — PPINF *

2 mL Serum ° FROZEN

2 days ° Immuno turbidimetry

ALWAYS specify the patient's age and gender
This analysis includes: Orosomucoid, haptoglobin, CRP

Nutritional protein profile - serum — PPN *

2 mL Serum ° FROZEN

2 days ° Immuno turbidimetry

ALWAYS specify the patient's age and gender
This analysis includes: prealbumin, albumin, orosomucoid

Protein profile for screening without electrophoresis - serum — PPO *

3 mL Serum ° FROZEN

2 days ° Immuno turbidimetry

ALWAYS specify the patient's age and gender
This analysis includes: Albumin, transferrin, haptoglobin, orosomucoid, C3, IgG, IgA, IgM

Anti-PR3 antibodies - proteinase 3 - Serum — PR3 *

2 mL Serum ° Refrigerated

3 days ° EliA (Fluoro-Enzymoimmunologie)

Prazepam - Serum — PRAZE *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

2 weeks ° HPLC - High Performance Liquid Chromatography / DAD

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.

NT-proBNP - N-Terminal Pro-Brain Natriuretic Peptide - serum — PRBNP *

1 mL Serum ° Refrigerated

1 day ° Electrochemiluminescence

ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Pregnenolone — PRE2T *

3 mL 3 mL sérum T0 + 3 ml sérum T1 ° Refrigerated

2 weeks (if dilution/control needed - TAT 4 weeks ° Chromatography - Extraction - Radioimmunoassay

Pregnenolone — PRE3T *

3 mL 3 mL serum T0 + 3 ml serum T1 + 3 mL serum T2 ° Refrigerated

2 weeks (if dilution/control needed - TAT 4 weeks ° Chromatography - Extraction - Radioimmunoassay

Prealbumin - serum — PREAL *

1 mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

ALWAYS specify the patient's age and gender

Pregnenolone - serum — PREG *

3 mL Serum ° Refrigerated

2 weeks (if dilution/control needed - TAT 4 weeks °
Chromatography - Extraction - Radioimmunoassay

Pregabalin - serum — PREGA *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

2 weeks °

One specific aliquot is required for this analysis.

Prekallikrein - activity - plasma — PREK *

1 mL Citrated Plasma ° FROZEN

1 month ° Chronometric method

One specific aliquot is required for this analysis.
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Pro-gastrin-releasing-peptide (ProGRP) — PRGRP *

1 mL Serum on tube with phase separator ° FROZEN

1 week ° Electrochemiluminescence

Sample has to be centrifugated straight after sampling
Home blood draw proscribed.
ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Proinsulin - serum — PRINS

1 mL serum (do not use 10 mL tube) ° FROZEN

7 days ° Chemiluminescence

Prolactin - molecular forms - serum

PRLCH *

5 mL Serum ° FROZEN

1 month ° ECLIA, radioimmunoassay and radioimmunoassay after precipitation with PEG (+ chromatography)

Enclose the specific clinical information form (R20-INTGB : Molecular forms of prolactin)
To be requested only in cases of confirmed hyperprolactinaemia; the test includes a prolactin assay by RIA.

Anti-prothrombin antibodies - IgG - serum

PROAC *

1 mL Serum ° Refrigerated

1 week ° Enzyme-immunoassay

Not to be confused with antiprothrombinases (circulating anticoagulants)

Eczema profile - specific IgE

PROEC

2 mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

Prolactin - serum

PROL *

1 mL Serum ° Refrigerated

1 day ° chimiluminescence (CMIA)

Prolactin

PROL2 *

1 mL 1 mL serum T0
1 mL serum T1 ° Refrigerated

1 day ° chimiluminescence (CMIA)

Prolactin

PROL3 *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2 ° Refrigerated

1 day ° chimiluminescence (CMIA)

Prolactin

PROL4 *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3 ° Refrigerated

1 day ° chimiluminescence (CMIA)

Prolactin

PROL5 *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4 ° Refrigerated

1 day ° chimiluminescence (CMIA)

Prolactin

PROL6 *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 mL serum T5 ° Refrigerated

1 day ° chimiluminescence (CMIA)

Prolactin 7 time

PROL7 *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 mL serum T5
1 mL serum T6 ° Refrigerated

1 day ° chimiluminescence (CMIA)

Prolactin 8 time — PROL8 *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 mL serum T5
1 mL serum T6
1 mL serum T7 ° Refrigerated

1 day ° chimiluminescence (CMIA)

Prolactin 9 time — PROL9 *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 mL serum T5
1 mL serum T6
1 mL serum T7
1 mL serum T8 ° Refrigerated

1 day ° Chemiluminescence

Propafenone - Serum — PROPF *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

2 weeks ° HPLC - High Performance Liquid Chromatography / DAD

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)

Dextropropoxyphene - urine — PROPU *

5 mL urine ° Refrigerated

2 weeks ° HPLC - High Performance Liquid Chromatography

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)

Allergic rhinitis profile - specific IgE — PRORH

2 mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

DNA NGS Panel for prostate cancer — PROS

FFPE scrolls (6 scrolls of 10µm) or unstained slides (6 unstained 10µm slides), accompanied by an H&E slide with the tumor area circled strongly recommended when the tumor cellularity is <30% or an FFPE tumor block, or extracted DNA. ° Ambient temperature

14 days ° Detection of variants in a targeted gene panel using massively parallel sequencing (MPS).

For tumor tissue scrolls, a 1.5 mL Eppendorf tube (reference: Eppendorf tubes 3810X, 1.5 mL) is strongly recommended.
Use the specific request form B9-INTGB: Oncology-Solid tumors
The use of the S25UK transport bag is Mandatory.
Attach the anatomopathological report

S25 : Envelope Genetics and Molecular Oncology

Proteins - dosage - serum — PROT *

1 mL Serum ° Refrigerated

1 day ° Colorimetry

WARNING: If combined with protein electrophoresis, only with serum.

Proteins - biological fluid — PROTD *

2 mL Biological fluid ° Refrigerated

2 days ° Chemistry - Spectrophotometry

Please specify the nature of the fluid (do not send cerebrospinal fluid [CSF])

[-2]pro-PSA - Phi score calculation - serum — PRPSA *

1 mL Serum ° FROZEN

6 days ° CMIA

Samples should be centrifuged and frozen within 3 hours of collection
In order to calculate the PHI (Prostate Health Index), [-2] proPSA, free PSA and total PSA are measured using the same technology; therefore it is not possible to use a referred result for free PSA and total PSA

Proteins - dosage - urine — PRU24 *

1 tube(s) 24hr urine ° Refrigerated

1 day ° Colorimetry

Specify diuresis

Protein S - activity - plasma

PS *

2 mL Citrated Plasma ° FROZEN

1 day ° Chronometric method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
PC and PS are vitamin K dependant and testing must be perform well after any AVK treatment (1 month)
Do not assay in the event of ongoing treatment with a direct-acting oral anticoagulant (XARELTO, ELIQUIS, PRADAXA).
Attach the clinical information concerning the patient (significant inflammation, pregnancy, family history, etc.) and the clinical context (bleeding, thrombosis, preoperative assessment, etc.)
If activity low, we perform PSLI/Free protein S- antigen
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.
The assay should be performed after a 5-day discontinuation of the ODA treatment

Protein S100 - serum

PS100 *

1 mL Non haemolysed serum ° FROZEN

1 week ° Electrochemiluminescence

Leave to clot for 20-30 minutes at room temperature
Centrifuge, Decant, freeze rapidly

PSA - Prostate-specific antigen total - serum

PSA *

1 mL Non-hemolysed serum ° FROZEN

1 day ° CMIA

ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

PSA - Prostate-specific antigen total - Aspiration biopsy

PSAD *

1 mL Aspiration biopsy ° FROZEN

1 day ° Electrochemiluminescence

ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Total protein S - antigen - plasma PSAG *

1 mL Citrated Plasma ° FROZEN

2 weeks ° Enzyme-immunoassay

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
One specific aliquot is required for this analysis.
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

PSA - Prostate-specific antigen free - serum PSALI *

1 mL Non-hemolysed serum ° FROZEN

1 day ° CMIA

Centrifuge and freeze immediately
ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Chlamydia psittaci - IgG serology (1st intention) - serum PSIT

1 mL serum (do not use 10 mL tube) ° Refrigerated

8 days ° Indirect immunofluorescence

Chlamydia psittaci - IgA serology - serum PSITA

1 mL serum (do not use 10 mL tube) ° Refrigerated

5 days ° Immunofluorescence

On specific request

Free protein S - antigen - plasma PSLI *

1 mL Citrated Plasma ° FROZEN

2 days ° Immuno turbidimetry

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
Attach the clinical data relating to the patient (major inflammatory syndrome, pregnancy, etc.) and the circumstances (bleeding, thrombosis, preoperative evaluation, possible anticoagulant treatment.)
[To be translated]
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Fragment 1+2 - prothrombin - plasma

PT12 *

1 mL Citrated Plasma ° FROZEN

1 month ° Enzyme-immunoassay

One specific aliquot is required for this analysis.
Reject any samples where sample collection was difficult and where onset of coagulation could have occurred
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

TAU 217 protein

PT217 *

3 mL 3 mL of EDTA plasma ° FROZEN

15 days ° Enzyme-immunoassay

Blood must be collected in EDTA-K2 tubes.
Centrifuge immediately at 2000g for 10 minutes at room temperature, then aliquot (within one hour of blood collection).
Plasma aliquots should be frozen quickly and stored at -20°C. Send frozen.
A glomerular filtration rate (renal function) test is strongly recommended for interpreting the results.
This test should not be performed in asymptomatic subjects to predict the risk of dementia.
This test cannot be interpreted in subjects under the age of 54.
This examination must be referred by a neurologist or geriatrician, or be accompanied by an MRI report or neurocognitive test results suggesting Alzheimer's disease

TAU - PTAU - Amyloid proteins - LCR

PTAU *

3 mL (Impératif) LCR ° FROZEN

2 months ° Enzyme-immunoassay

Specific sampling kit provided on request
Refer to sampling protocoal for all practical information

TAU-20 : Kit protéine TAU -20°C (Alzheimer/Creutzfeldt-Jacob) ponction lombaire

PTH - Intact parathormone - serum

PTH *

1 mL Non haemolysed serum ° FROZEN

1 day ° Electrochemiluminescence

Due to the short half-life of PTH, immediate centrifugation of the blood is recommended. This allows the serum to be obtained before freezing.
Gel tubes should be decanted before sending to avoid haemolysis on thawing. Only one freezing is possible.
Do not use heparinised plasma
ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

PTH - Intact parathormone - aspiration biopsy — PTHD *

1 mL Aspiration biopsy ° FROZEN

1 day ° Electrochemiluminescence

Freeze as soon as possible. Only one freezing possible

PTH-RP - Parathormone related protein - plasma — PTHRP *

1 mL EDTA plasma + Aprotinine - non haemolysed ° FROZEN

2 weeks ° Radioimmunoassay

Sample on special tube (EDTA + Aprotinin) supplied on request.
Freeze the sample within 1 hour after sampling
Centrifuge rapidly at refrigerated temperature

T2 : EDTA + aprotinine tube

Anti-Calcium Sensing Receptor antibodies - serum — PTHYR *

1 mL Serum ° Refrigerated

1 month ° Immunofluorescence + RIA

Phosphorus - urine — PU24 *

1 tube(s) acidified 24-hour urine (pH < 3) ° Refrigerated

1 day ° Chemistry - Spectrophotometry

Store urine in a cool place during collection.
Urine acidified with HCl
Specify diuresis

Genital ulcérations panel - direct diagnosis - PCR — PUG

Mucocutaneous swab ° Refrigerated

6 days ° Real-time PCR

Use M4RT medium
The use of the purple S14UK transport bag is MANDATORY
.
Samples (other than swabs) must be sent as is, in a sterile container, without transport medium.
Other acceptable transport media: eSwab, Transwab and UTM. Alternatively, an Amies transport medium is acceptable.

S14: Special mycobacteria transport bags are to be used

Phosphorylases (GSD V and VI) — PYGLM *

Tissue (3mg): Frozen
2 mL EDTA blood : Ambient °

3 weeks °

Coenzyme Q10 - CoQ10 - Serum — Q10

2 mL Serum (do not use tubes with separator gel) ° FROZEN

10 days ° HPLC - High Performance Liquid Chromatography

1 specific aliquot for this analysis

Interferon gamma production - Quantiferon® TB Gold Plus — QANR

plasma. ° Refrigerated

3 days ° Chemiluminescence

Sampling to be carried out using the Quantiferon kit, to be ordered 3 days before the sample. Scrupulous compliance with the pre-analytical phase is required to ensure the quality of the result, in particular: - stir the tubes well before incubating 16 to24h at 36-38ºC - centrifuge before sending at +4ºC. There are no recommendations on centrifugation but the gel needs to be positioned between the cap and the plasma.
[To be translated]
- Do not aliquot; transfer the primary tube.

K4: Quantiferon sampling kit

Quetiapine — QUETA

3 mL lithium heparin plasma (do not use tubes with separator gel) ° Refrigerated

7 days ° High-performance liquid chromatography / Spectrometry

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.
Residual level sample
The following tests can be performed on the same sample: Aripiprazole; Clozapine; Haloperidol; Olanzapine; Quetiapine; Risperidone.

Rabies - IgG serology - serum — RAGE

500 µL serum (do not use 10 mL tube) ° Refrigerated

15 days ° Enzyme-immunoassay

This test is reserved for post-vaccination testing
Prohibit 10 ml tube with or without gel

Indirect antiglobulin test - IAT - screening/identification — RAI *

2 x 5 mL EDTA whole blood (do not use tubes with separator gel) ° Refrigerated

1 days (2 days in case of anti D titration/microtitration and 2 weeks in case sample is referred to the National Reference

Enclose the specific clinical information form (R3-INTGB : Immunology-haematology (IA))
[To be translated]
One specific aliquot is required for this analysis.
Please specify the patients full civil status on the request form and primary tube: maiden name, married name or surname used, full first name, gender and date of birth.
Please send us the primary tube.
[To be translated]
SUPPLEMENTARY ANALYSES IN THE EVENT OF BIOLOGICAL ANOMALY DETECTION: when performing specific analyses, the biologists complete the evaluation in order to characterise or have a better typing of a biological anomaly, we perform:
- identification which is compulsory if the screening test is positive,
- the RH-KEL1 phenotypes and/or a phenotype extended to cw, Kidd, Duffy antigens, etc. which are systematic, failing a valid result, to validate the anti-erythrocyte antibody identification,
- an anti-erythrocyte antibody titration other than anti-A, anti-B with an assay by weight for anti-RH, which are compulsory for all pregnant women in whom we have identified an immune antibody,
- a direct Coombs test to screen for antibodies fixed on red blood cells,
- an adsorption test in the event of antibody mixing or autoimmunisation

Contact the International Division for further information
The sample stability is 7 days

Raltegravir - Serum — RALTE *

3 mL Serum (do not use tubes with separator gel) ° FROZEN

3 weeks ° LCMS/MS

Enclose the specific clinical information form (R6-INTGB : Anti retroviral treatment)

Bacteria - screening — RBA *

Various samples such as faeces, respiratory samples (bronchial aspiration, BAL), puncture fluids (joint fluid, pleural fluid, etc.), osteo-articular biopsies/tissues, etc. ° Refrigerated

2 weeks ° Culture on special media and in suitable atmospheric conditions

Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology
The prescription for this examination must be accompanied by the patient's clinical and therapeutic background
Accepted containers: Sterile dry bottle, dry tube, transport medium suitable for bacterial culture such as eswab/ transwab depending on the nature of the sample. Sterile bottle with red cap for stool collection.
Transit time: 48h between 2 and 8°C
Aerobic and Anaerobic bacterium screening are performed simultaneously. Susceptibility test performed if appropriate.
Pricing will vary depending on the number of bacteria found.

S14: Special mycobacteria transport bags are to be used

Retinol-Binding Protein - RBP

RBP *

1 mL serum ° Refrigerated

1 day ° Nephelometry

RNA NGS panel for brain solid tumors

RBRAI

FFPE scrolls (6 scrolls of 10µm) or unstained slides (6 unstained 10µm slides), accompanied by an H&E slide with the tumor area circled strongly recommended when the tumor cellularity is <30% or an FFPE tumor block. ° Ambient temperature

14 days ° Detection of fusion transcripts using a targeted gene panel by massively parallel sequencing (MPS).

For tumor tissue scrolls, a 1.5 mL Eppendorf tube (reference: Eppendorf tubes 3810X, 1.5 mL) is strongly recommended.
Use the specific request form B9-INTGB: Oncology-Solid tumors
The use of the S25UK transport bag is Mandatory.
Attach the anatomopathological report

S25 : Envelope Genetics and Molecular Oncology

RNA NGS Panel for cholangiocarcinoma

RCHOL

FFPE scrolls (6 scrolls of 10µm) or unstained slides (6 unstained 10µm slides), accompanied by an H&E slide with the tumor area circled strongly recommended when the tumor cellularity is <30% or an FFPE tumor block. ° Ambient temperature

14 days ° Detection of fusion transcripts using a targeted gene panel by massively parallel sequencing (MPS).

For tumor tissue scrolls, a 1.5 mL Eppendorf tube (reference: Eppendorf tubes 3810X, 1.5 mL) is strongly recommended.
Use the specific request form B9-INTGB: Oncology-Solid tumors
The use of the S25UK transport bag is Mandatory.
Attach the anatomopathological report

S25 : Envelope Genetics and Molecular Oncology

Anti-acetylcholine receptor antibodies - serum

REAC *

1 x 1 mL Non haemolysed serum ° FROZEN

5 days ° Radioimmunoassay

Anti-retina antibodies - serum

RECOV

1 mL Serum ° Refrigerated

3 days ° Immunodot

réinterprétation d'exome — REINT

[Indéfinie] Pas de prélèvement nécessaire. L'analyse exome ou panel doit avoir été réalisé chez Eurofins-Biomnis initialement. °

L'exome initial doit avoir été réalisé au laboratoire Biomnis

Renin active — REN *

1 mL Plasma EDTA ° FROZEN

2 days ° Radioimmunoassay

Optimal sampling conditions according to SFE / SFHTA / AFCE: in the morning, more than 2 hours after waking up, in a sitting position after 5 to 15 minutes, with normal dietary salt intake, normal kalemia, and without antihypertensive drugs that significantly interfere with the renin-angiotensin-aldosterone system. Antihypertensive medications that can be maintained during exploration include alpha-blockers and calcium channel blockers.
DIET INFORMATION: our reference ranges are only valid for a normal salt intake (80-250mEq/24hrs natriuresis)
Specify upright or reclined :
Sampling in upright position after 1 hr of walking : REND
Sampling in the reclined position after 1 hr in supine position : RENC

Renin — REN2 *

1 mL 1 mL Plasma EDTA T0
1 mL Plasma EDTA T1 ° FROZEN

2 days ° Radioimmunoassay

Renin — REN3 *

1 mL 1 mL Plasma EDTA T0
1 mL Plasma EDTA T1
1 ml Plasma EDTA T2 ° FROZEN

2 days ° Radioimmunoassay

Renin — REN4 *

1 mL 1 ml Plasma EDTA T0
1 ml Plasma EDTA T1
1 ml Plasma EDTA T2
1 ml Plasma EDTA T3 ° FROZEN

2 days ° Radioimmunoassay

Renin Active - lying

RENC *

1 mL Plasma EDTA ° FROZEN

2 days ° Radioimmunoassay

DIET INFORMATION: our reference ranges are only valid for a normal salt intake (80-250mEq/24hrs natriuresis) Specify upright or reclined (Sampling in upright position after 1 hr of walking; sampling in the reclined position after 1 hr in supine position)

Renin - Standing or Sitting position

REND *

1 mL Plasma EDTA ° FROZEN

2 days ° Radioimmunoassay

Optimal sampling conditions according to SFE / SFHTA / AFCE: in the morning, more than 2 hours after waking up, in a sitting position after 5 to 15 minutes, with normal dietary salt intake, normal kalemia, and without antihypertensive drugs that significantly interfere with the renin-angiotensin-aldosterone system. Antihypertensive medications that can be maintained during exploration include alpha-blockers and calcium channel blockers. DIET INFORMATION: our reference ranges are only valid for a normal salt intake (80-250mEq/24hrs natriuresis) Specify upright or reclined (Sampling in upright position after 1 hr of walking; sampling in the reclined position after 1 hr in supine position)

SPECIFIC IgG4 - serum

RG41

1 mL Serum ° Refrigerated

1 week ° Fluorescent enzyme-immunoassay

Specify the allergens

SPECIFIC IgG - serum

RGG1

1 mL Serum ° Refrigerated

7 days ° Fluorescent enzyme-immunoassay

Specify the allergens

Rhesus Kell — RH *

5 mL EDTA whole blood (do not use tubes with separator gel) ° Refrigerated

1 day ° Gel-filtration

Please specify the patients full civil status on the request form and primary tube: maiden name, married name or surname used, full first name, gender and date of birth.
Please send us the primary tube.
Please also send us any recent blood transfusion details (in the last 4 months). Indicate any technical difficulties encountered during RH-KEL1 blood group testing.
ABO-RH1 (D) blood typing - whole blood is performed systematically
Complete and attach the information form available on www.eurofins-biomnis.com together with the patient request form

Hepatitis B Genotyping and Antiviral Resistance Profile - serum — RHB *

4 mL Serum ° FROZEN

32 days ° Sequencing

The minimum viral load is 1000 copies/mL (180 IU)
The test will only be performed if the viral load has recently been performed. Please ensure you enclose the result of the recent viral load test.

Hepatitis C - Anti-viral resistance profile - serum — RHC *

4 mL Serum ° FROZEN before sending

3 weeks ° Sequencing

The minimum viral load is 1000 copies/mL (180 IU)
The test will only be performed if the viral load has recently been performed. Please ensure you enclose the result of the recent viral load test.

Rhinovirus - direct diagnosis - PCR — RHIBM

[Indéfinie] Endonasal or nasopharyngeal swab, nasopharyngeal aspiration, bronchial aspiration ° Refrigerated

2 days ° Real-time PCR

Use M4RT medium
Also available in multiplex PCR (VIRBM), including detection of RSV, HMPV, and Rhinovirus.
The use of the purple S14UK transport bag is MANDATORY
Samples (other than swabs) must be sent as is, in a sterile container, without transport medium.
Other acceptable transport media: eSwab, Transwab and UTM. Alternatively, an Amies transport medium is acceptable.

S14: Special mycobacteria transport bags are to be used

Hepatitis C - confirmation - serum

RIBHN *

1 mL Serum ° Refrigerated

10 days ° Immunoblot

Anti-ribosome antibodies - serum

RIBO *

1 mL Serum ° Refrigerated

2 days ° Immunofluorescence

Rickettsioses - R. conorii, R. typhi - serology - serum

RICCT

1 mL serum (do not use 10 mL tube) ° Refrigerated

3 days ° Immunofluorescence

IgG and IgM screening for R. typhi, titration if positive. IgG screening for R. conorii, titration if positive

Rifampicin - Serum

RIFA *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

1 week ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R18-INTGB : Infectious agents)
Freeze the sample within 1 hour after sampling

Interleukin (IL)-2 - receptor

RIL2 *

1 mL EDTA Plasma ° FROZEN

60 days ° Enzyme-immunoassay

Frozen EDTA plasmas WITH separator gel are not accepted.

Rilpivirine - Serum

RILPI *

3 mL Serum (do not use tubes with separator gel) ° FROZEN

2 weeks ° LCMS

Enclose the specific clinical information form (R6-INTGB : Anti-retroviral medicines)
Recommended residual rate, once steady state is reached

Risperidone — RISPE

2 mL lithium heparin plasma (do not use tubes with separator gel) ° Refrigerated

1 week ° Liquid chromatography / Tandem mass spectrometry (LC-TMS/MS)

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.
Trough concentration : take a sample before a new drug intake.
The following tests can be performed on the same sample: Aripiprazole; Clozapine; Haloperidol; Olanzapine; Quetiapine; Risperidone.

Methylphenidate Hydrochloride - Serum — RITAL *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

2 weeks ° Liquid Phase Chromatography / Mass Spectrometry (LC-MS)

One specific aliquot is required for this analysis.

Ritonavir - Serum — RITO *

3 mL Serum (do not use tubes with separator gel) ° FROZEN

3 weeks ° LCMS/MS

Enclose the specific clinical information form (R6-INTGB : Anti-retroviral medicines)
Recommended residual rate, once steady state is reached

Rituximab - serum — RITUX *

1 mL Serum ° FROZEN

30 days ° Enzyme-immunoassay

Always draw blood at the same time before another administration
Please attach the specific clinical information sheet (R46 : Anti-TNF)

Rivaroxaban - Anti Xa activity measurement - plasma — RIVA *

1 mL Citrated Plasma ° FROZEN

1 day ° Chromogenic method

Freeze the sample within one hour. Home collection is not recommended.
Specify the Xarelto prescription details as well as the time of the drug intake.
Sample to be collected before intake (residual or through level) or two hours after intake (peak). The equilibrium state is obtained three days after the treatment has started
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Mycoplasma genitalium Search for mutations associated with macrolide resistance — RMGEN *

1 mL Urine, Vaginal sampling, Vaginal self-sampling ° Ambient temperature

3 days ° PCR

K12: Aptima Urine Collection Kit for urine samples
If APTIMA K12 medium is not available: Send a sterile urine jar without additives.
PROHIBIT jars with integrated transfer needle or cannula.
K14: Aptima Multi-Test Swab Collection Kit for vaginal and self-collection of vaginal, anal and pharyngeal samples.
Avoid pots with integrated needles or transfer cannulas
Banning NEST environments
The sample is stable for 15 days at room temperature or refrigerated.

Rotavirus - rapid screening - Stools — ROTSE

Stools ° Refrigerated

1 day ° Immuno chromatography

The use of the purple S14UK transport bag is MANDATORY

S14: Special mycobacteria transport bags are to be used

Measles - direct diagnosis - PCR — ROUBM

Saliva, Oropharynx, Nasopharynx, bronchial aspiration, BAL, CSF, urine ° Refrigerated

1 day ° Real-time PCR

Use M4RT medium
The use of the purple S14UK transport bag is MANDATORY
.
Samples (other than swabs) must be sent as is, in a sterile container, without transport medium.
Other acceptable transport media: eSwab, Transwab and UTM. Alternatively, an Amies transport medium is acceptable.

S14: Special mycobacteria transport bags are to be used

Measles - IgG/IgM serology - serum — ROUG *

1 x 1 mL Serum ° Refrigerated

2 days ° Chemiluminescence

Storage temperature (2-8°C) < 7 days during transport of specimen.

Measles - immunity test - IgG serology - serum — ROUGG *

1 mL Serum ° Refrigerated

2 days ° Chemiluminescence

Storage temperature (2-8°C) < 7 days during transport of specimen.
On specific request

RNA NGS Panel solid tumors, Pan-organ : 65 genes — RPAN

FFPE scrolls (6 scrolls of 10µm) or unstained slides (6 unstained 10µm slides), accompanied by an H&E slide with the tumor area circled strongly recommended when the tumor cellularity is <30% or an FFPE tumor block. ° Ambient temperature

14 days ° Detection of fusion transcripts using a targeted gene panel by massively parallel sequencing (MPS).

For tumor tissue scrolls, a 1.5 mL Eppendorf tube (reference: Eppendorf tubes 3810X, 1.5 mL) is strongly recommended.
Use the specific request form B9-INTGB: Oncology-Solid tumors
The use of the S25UK transport bag is Mandatory.
Attach the anatomopathological report

S25 : Envelope Genetics and Molecular Oncology

Activated protein C resistance - plasma — RPC *

2 mL Citrated Plasma ° FROZEN

1 day ° Chronometric method

Please specify whether factor V Leiden should be performed if the activated protein C resistance test is positive (please ensure to enclose a consent form from the patient in accordance with the regulatory requirements, as well as 5 mL EDTA whole blood)
[To be translated]
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

RNA NGS Panel for pancreatic cancer — RPDAC

FFPE scrolls (6 scrolls of 10µm) or unstained slides (6 unstained 10µm slides), accompanied by an H&E slide with the tumor area circled strongly recommended when the tumor cellularity is <30% or an FFPE tumor block. ° Ambient temperature

14 days ° Detection of fusion transcripts using a targeted gene panel by massively parallel sequencing (MPS).

For tumor tissue scrolls, a 1.5 mL Eppendorf tube (reference: Eppendorf tubes 3810X, 1.5 mL) is strongly recommended.
Use the specific request form B9-INTGB: Oncology-Solid tumors
The use of the S25UK transport bag is Mandatory.
Attach the anatomopathological report

S25 : Envelope Genetics and Molecular Oncology

Tuberculosis complex - Detection of the coding rpoB gene mutation for rifampicin resistance by PCR — RPOB

Lung samples, tissue samples, puncture fluid
Urine (50 mL), CSF (1 mL), biopsies ° Refrigerated

2 days ° Real-time PCR

The use of the purple S14UK transport bag is MANDATORY

S14: Special mycobacteria transport bags are to be used

RNA NGS Panel for lung cancers — RPOUM

FFPE scrolls (6 scrolls of 10µm) or unstained slides (6 unstained 10µm slides), accompanied by an H&E slide with the tumor area circled strongly recommended when the tumor cellularity is <30% or an FFPE tumor block. ° Ambient temperature

14 days ° Detection of fusion transcripts using a targeted gene panel by massively parallel sequencing (MPS).

For tumor tissue scrolls, a 1.5 mL Eppendorf tube (reference: Eppendorf tubes 3810X, 1.5 mL) is strongly recommended.
Use the specific request form B9-INTGB: Oncology-Solid tumors
The use of the S25UK transport bag is Mandatory.
Attach the anatomopathological report

S25 : Envelope Genetics and Molecular Oncology

RNA NGS Panel for soft tissue tumors : 20 genes — RSARC

FFPE scrolls (6 scrolls of 10µm) or unstained slides (6 unstained 10µm slides), accompanied by an H&E slide with the tumor area circled strongly recommended when the tumor cellularity is <30% or an FFPE tumor block. ° Ambient temperature

14 days ° Detection of fusion transcripts using a targeted gene panel by massively parallel sequencing (MPS).

For tumor tissue scrolls, a 1.5 mL Eppendorf tube (reference: Eppendorf tubes 3810X, 1.5 mL) is strongly recommended.
Use the specific request form B9-INTGB: Oncology-Solid tumors
The use of the S25UK transport bag is Mandatory.
Attach the anatomopathological report

S25 : Envelope Genetics and Molecular Oncology

Soluble transferrin receptor - serum — RSTR *

1 mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

RNA NGS Panel for thyroid cancer — RTHY

FFPE scrolls (6 scrolls of 10µm) or unstained slides (6 unstained 10µm slides), accompanied by an H&E slide with the tumor area circled strongly recommended when the tumor cellularity is <30% or an FFPE tumor block. ° Ambient temperature

14 days ° Detection of fusion transcripts using a targeted gene panel by massively parallel sequencing (MPS).

For tumor tissue scrolls, a 1.5 mL Eppendorf tube (reference: Eppendorf tubes 3810X, 1.5 mL) is strongly recommended.
Use the specific request form B9-INTGB: Oncology-Solid tumors
The use of the S25UK transport bag is Mandatory.
Attach the anatomopathological report

S25 : Envelope Genetics and Molecular Oncology

Rubella - antibody avidity - IgG - serum

RUBAV *

1 mL Serum ° Refrigerated

2 weeks ° Urea treatment

[To be translated]
On specific request

Rubella - IgM serology - serum

RUBEM *

1 mL Serum ° Refrigerated

2 days ° EIA

ALWAYS attach the following clinical data: gestational age, dates of contagion, eruption, vaccination and previous serology results

Rubella - IgG serology - serum

RUBEO *

1 mL Serum ° Refrigerated

3 days ° EIA

Rubella - direct diagnosis - PCR

RUBLA *

5 mL (minimum) Amniotic fluid (sterile dry bottle) ° Refrigerated

3 weeks ° Qualitative PCR

Must include the request form (B3) and the patient's informed consent (D44)
Subsequently, please send us the pregnancy monitoring form (R10: monitoring-pregnancy-Infectious agents)
Transit time: 48h between 2 and 8°C
if > 48 hours, freeze the sample

S14: Special mycobacteria transport bags are to be used

Rubella - direct diagnosis - PCR

RUBM *

nasopharyngeal/oral swab (virological transport medium), nasopharyngeal aspirate (3mL), CSF (0.3 mL), urine (5 mL), aqueous humour ((0.25 mL) ° Refrigerated

Variable TAT: all positive results are released immediately °
Qualitative PCR

Transit time: 48h between 2 and 8°C
if > 48 hours, freeze the sample
ALWAYS attach serological results
Container : Sterile dry vial, sterile cryotubes or virological transport medium depending on the nature of the biological sample.

S14: Special mycobacteria transport bags are to be used

Rubella - Western blot - serum — RUBWB *

1 mL Serum ° Refrigerated, if shipped in less than 7 days

2 weeks ° Western-Blot

Rufinamide - Serum — RUFIN *

1 mL Serum (do not use tubes with separator gel) ° FROZEN

15 days ° HPLC - High Performance Liquid Chromatography

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.

HIV-1 Resistance Genotyping to antiretroviral drugs: reverse transcriptase, protease, and integrase genes (RNA) - plasma — RVIH

2 x 2 mL EDTA Plasma ° FROZEN

30 days ° NGS sequencing

The test can only be carried out if the result of a viral load test taken at the same time as the sample is specified and if it is >200 copies/mL (to be completed on the request form)
Please specify anti-viral treatments.
Not performed on proviral DNA
You must attach the relevant clinical information form (R50: Genotyping of HIV-1 resistance to antiretrovirals (RNA))

HIV-1 Resistance Genotyping to antiretroviral drugs: envelope gene, tropism (RNA) - plasma — RVIH2

2 x 2 mL EDTA Plasma ° FROZEN

30 days ° NGS sequencing

The test can only be carried out if the result of a viral load test taken at the same time as the sample is specified and if it is >200 copies/mL (to be completed on the request form)
Please specify anti-viral treatments.
Not performed on proviral DNA
You must attach the relevant clinical information form (R50: Genotyping of HIV-1 resistance to antiretrovirals (RNA))

Haemochromatosis - HFE gene - p.Ser65Cys mutation — S65C

5 mL Whole blood EDTA (only), do not use tubes containing beads. ° Ambient temperature

9 days ° Real-time PCR

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Sample must be refrigerated if transport is > 48 hours
Enclose the specific B12-INTGB request form: Molecular Genetics

Vigabatrin - Serum — SABRI *

1 mL Serum (do not use tubes with separator gel) ° FROZEN

2 weeks ° Liquid Phase Chromatography / Fluorimetry

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.

Adenylosuccinase - deficiency syndrome screening - urine — SAICA *

10 mL 24hr or random urine sample ° FROZEN

8 weeks °

Attach the specific clinical information form (R26-INTGB: Metabolic Biochemistry)

Salmonellosis - serology - serum — SALMO

1 mL serum (do not use 10 mL tube) ° Refrigerated

4 days ° Agglutination

Multiplex-Aberration screening 28 Markers (AML, ALL, CML) - EDTA whole blood — SC28M *

5 mL EDTA whole blood ° Ambient temperature

30 days ° mDX® Hemavision® System, realtime RT-PCR

SCC-TA4 antigen - serum — SCC *

1 mL Serum ° Refrigerated

1 day ° Chemiluminescence

Not to to be performed on haemolysed sample
ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

SCC-TA4 antigen - aspiration biopsy — SCCD *

1 mL Aspiration biopsy ° Refrigerated

1 day ° Chemiluminescence

ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Erythrocytes morphological aspect — SCHIZ

1 Non-stained thin blood smears ° Ambient temperature

1 day ° Microscopy

Markers in progressive systemic sclerosis(Scleroderma) - serum — SCLER *

1 x 1 mL Serum ° Refrigerated

1 week ° Immunodot

COVID-19 (SARS-CoV-2) serology (total Ig) anti-N — SCOVI *

1 mL Serum no hémolysed (no 10 mL tube) ° Refrigerated

2 days ° ECLIA(Elecsys Ig totales Cobas Roche)

1 specific aliquot for this analysis
To be performed during the immunological phase only, from day 7 - day 14 after the appearance of the initial clinical symptoms

Toxicological screening - plasma — SCRIB *

2 mL Heparin Plasma ° Refrigerated

10 days ° Hight Performance Liquid Chromatography

Toxicological screening - urines — SCRIU *

6 mL Urines ° Refrigerated

10 days ° Hight Performance Liquid Chromatography

DHEAS - Dehydroepiandrosterone sulfate — SDHA *

1 mL Serum ° Refrigerated

1 day ° Chemiluminescence or luminescence

One specific aliquot is required for this analysis.
ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Selenium — SE

2 mL Plasma héparinate de sodium (Gel-free separator tubes) ° Refrigerated

1 week ° ICP/MS

One specific aliquot is required for this analysis.

DNA NGS Panel solid tumor Breast — SEIN

FFPE scrolls (6 scrolls of 10µm) or unstained slides (6 unstained 10µm slides), accompanied by an H&E slide with the tumor area circled strongly recommended when the tumor cellularity is <30% or an FFPE tumor block, or extracted DNA. ° Ambient temperature

14 days ° Detection of variants in a targeted gene panel using massively parallel sequencing (MPS).

For tumor tissue scrolls, a 1.5 mL Eppendorf tube (reference: Eppendorf tubes 3810X, 1.5 mL) is strongly recommended.
Use the specific request form B9-INTGB: Oncology-Solid tumors
The use of the S25UK transport bag is Mandatory.
Attach the anatomopathological report

S25 : Envelope Genetics and Molecular Oncology

Targeted Sequencing - Postnatal — SEPOS

EDTA whole blood, fetal tissue, aspirate, placenta, fetal cord, extracted DNA °

6 weeks ° Sanger sequencing

5 ml of whole blood on EDTA from each parent (quotation on request) is required to perform this test
Targeted study for verification, family study or PND
Use the clinical information sheet R66.
Enclose the specific B12-INTGB request form: Molecular Genetics
ALWAYS attach the medical prescription, the clinical patient's history and the consent form signed by both the patient and the prescribing clinical

Targeted Sequencing - Prenatal — SEPRE

Liquide amniotique frais ou cultivé, villosités choriales fraiches ou cultivées ; Sang foetal ; ADN extrait °

6 weeks ° Sanger sequencing

5 ml of whole blood on EDTA from each parent (quotation on request) is required to perform this test
Targeted study for verification, family study or PND
Use the specific form B3-INTGB: Cytogenetic
Use the clinical information sheet R66.
ALWAYS attach the medical prescription, the clinical patient's history and the consent form signed by both the patient and the prescribing clinical

Serotonin - whole blood — SEROT

2 x 2 mL (IMPERATIF) Heparinised whole blood (no glass tubes) (prohibit use of tubes with separator) ° FROZEN

8 days ° UPLC

Freeze the sample within one hour. Home collection is not recommended.
DIET: in the 48 hours preceding the sample, avoid foods or drinks rich in tryptophan (essential amino acid constituting serotonin): oily fish, poultry livers, brown rice, dairy products, bananas, chocolate / cocoa, dried fruits (nuts , almond, cashew nuts, dates), mango, avocado, tomato, plum, kiwi, pineapple, shellfish, beans and legumes, pumpkin seed
Note that taking antidepressants such as IRRS (serotonin reuptake inhibitors) may decrease the basal level of serotonin.
2 specific aliquots for this analysis

Sertraline - serum — SERT

2 mL Serum (do not use tubes with separator gel) ° FROZEN

7 days ° Liquid chromatography / Tandem mass spectrometry (LC-TMS/MS)

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.
Always draw blood at the same time before another administration
The following examinations can be performed on the same sample: Citalopram; Duloxetine; Fluoxetine; Fluvoxamaine; Mirtazapine; Paroxetine; Sertraline; Venlaflaxine.

Selenium - urine — SEU *

20 mL Random urine ° Refrigerated

3 weeks ° Atomic absorption

Indicated the sampling time

Sézary cells - screening - smear — SEZA

2 Unstained Heparin whole blood smear ° Ambient temperature

3 days ° Microscopy

Join the sample day lymphocyte count
Use the specific request form B8-INTGB: Malignant blood disorders

Haemoglobin - screening - Stool — SGP *

20 g (Volume de selles équivalent à une pêche) Stool specimen ° Refrigerated

5 days ° Enzyme-immunoassay

Sample
Attach the specific clinical information form (R29-INTGB: Functional Coprology)

Sialic acid free - urines — SIALI *

10 mL 24hr or random urine sample (child) ° FROZEN

1 month °

Attach the specific clinical information form (R26-INTGB: Metabolic Biochemistry)

Transferrin - serum — SIDER *

1 mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

ALWAYS specify the patient's age and gender

Silicon - Plasma — SILIC *

2 mL Heparin plasma (do not use tubes with separator gel) ° Refrigerated

2 weeks ° Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)

Sample on plastic tube (polypropylene or polystyrene) with plastic stopper

Sirolimus — SIRO

1 mL Sang total EDTA ° Refrigerated

4 days ° LCMS/MS

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
Residual level sample (just before administration)
EDTA- or heparin-anticoagulated whole blood (tubes without a separating gel)

Anti-SLA antibodies - Soluble Liver Antigen - serum — SLAC *

1 mL Serum ° Refrigerated

3 days ° Immunodot

Constitutional Molecular Karyotype - SNP ARRAY - Product of conception — SNPFC

Product of conception, aspiration product, placenta, cord, fetal tissue ° Ambient temperature

20 days ° SNP array

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Use the specific form B3-INTGB: Cytogenetic
Container: sterile bottle filled with saline solution

S9L: Envelopes yellow for karyotypes LYON

Constitutional Molecular Karyotype-SNP ARRAY — SNPOS

Whole blood EDTA (only), do not use tubes containing beads. ° Ambient temperature

20 days ° SNP array

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription. Use the specific form B13 : Cytogenetic

S9L: Envelopes yellow for karyotypes LYON

Constitutional Molecular Karyotype-SNP ARRAY — SNPRE

Liquide amniotique frais ou cultivé, villosités choriales fraiches ou cultivées ; Sang foetal ; ° Ambient temperature

20 days ° SNP array

For sample traceability purposes, we invite you to contact the International Division before sending samples
ALWAYS attach the medical prescription, the clinical patient's history and the consent form signed by both the patient and the prescribing clinical
Transmettre un prélèvement EDTA maternel pour la recherche de contamination maternelle.

S9L: Envelopes yellow for karyotypes LYON

Re-evaluation - Constitutional Molecular Karyotyping — SNREI

No sample required. The DNA microarray hybridization analysis must have been initially performed at Eurofins-Biomnis. °

20 days ° SNP array

Clinical information to be specified to enable reinterpretation

Angelman / Prader-Willi Syndrome - SNRPN methylation — SNRPL

5 mL Fresh or cultured amniotic fluid, fresh or cultured trophoblast ° Ambient temperature

15 days ° Methyl-PCR bisulfite

A 5 mL EDTA whole blood sample from the mother is required to perform this test.
Enclose the specific B12-INTGB request form: Molecular Genetics
ALWAYS attach the medical prescription, the clinical patient's history and the consent form signed by both the patient and the prescribing clinical

Angelman / Prader-Willi Syndrome - SNRPN methylation — SNRPS

5 mL Whole blood EDTA (only), do not use tubes containing beads. ° Ambient temperature

15 days ° Methyl PCR

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription. Enclose the specific B12-INTGB request form: Molecular Genetics

Superoxide dismutase - SOD

SOD *

300 µL Red cell pellet from Lithium heparin whole blood ° FROZEN

3 weeks ° Spectrometry

Freeze the sample within one hour. Home collection is not recommended.
Globular sediment preparation:
- whole blood collected on lithium heparinate
- centrifugation at 2860 g at +4°C
- discard the plasma and the leukocyte layer
- freeze at -20°C

Somatostatin - plasma

SOMAT *

1 mL EDTA Plasma + Aprotinine ° FROZEN

1 month ° Radioimmunoassay

Sample on special tube (EDTA + Aprotinin) supplied on request.
Freeze the sample within 1 hour after sampling
Centrifuge rapidly at refrigerated temperature

T2 : EDTA + aprotinine tube

IGF-1 - Somatomedin C - Serum

SOMC *

1 x 1 mL Serum ° FROZEN

2 days ° Chemiluminescence

One specific aliquot is required for this analysis.
Specify if treatment for acromegaly

Juvenalis - Panel SopioCheck

SOPIO *

2 ml serum (without separating gel): frozen ;
3 x 1 ml serum (without gel separator): refrigerated ;
2 x 2 ml heparin plasma (without gel separator): refrigerated ;
1 ml citrated plasma : frozen;
3ml EDTA whole blood: refrigerated;
4 ml of first morning urine: refrigerated;
2 saliva samples: frozen. °

4 weeks °

Do not use tubes with phase separator
Fasting sample required
This is a panel of analyses, which must be sent in full to Eurofins Biomnis, without being separated
Attach the specific health questionnaire to the back of the application form.
Saliva: first collection to be done when you wake up, second collection 30 minutes later, without eating, sleeping, or brushing your teeth (possible contamination by blood) but with usual morning activity. The collection can be carried out on 2 salivettes, compacts, sterile tubes, identified, time-stamped and frozen.
It is essential to identify the nature of the sample on each tube sent.
Do not combine the Juvenalis report and the Eurofins Biomnis report in the same file.

Steroids panel - Search polycystic ovary syndrome — SOPK *

5 mL 5 mL serum : refrigerated;
2 mL serum : frozen °

3 days ° Radioimmunoassay

Enclose the specific information form R41-SB INT GB-Steroid panels

Sotalol - serum — SOTAL *

2 mL Serum ° FROZEN

11 days ° HPLC - High Performance Liquid Chromatography / UV detection

Do not use tubes with phase separator
Performed only in case of INTOXICATION. Not indicated for drug monitoring.
Specify:
- the reasons for the prescription (efficiency and/or toxicity test),
- the sampling time
- the treatment start date and/or the date of any change of dosage
- the dosage data (quantity administered, frequency, administration route),
- the subject's age, height and weight if possible.

Anti- SOX1 antibodies - serum — SOX1

1 mL serum (do not use 10 mL tube) ° Refrigerated

3 days ° Immunodot

Anti- SOX1 antibodies - CSF — SOX1L

1 mL CSF ° Refrigerated

3 days ° Immunodot

Anti-SP100 antibody - IgG - serum — SP100 *

2 mL Serum ° Refrigerated

3 days ° Immunodot

Anti-sperm antibodies - indirect screening — SPACD *

Male: 0.5 mL Serum + 0.5 mL seminal fluid - FROZEN < 1 Hr
Female: 0.5 mL Serum + 0.3 mL cervical mucous - FROZEN < 1 Hr °

2 months ° Agglutination

To obtain seminal plasma, the sperm is centrifuged for 10 minutes at 800 G.

Spermocytogramm — SPCG

3 Non-fixed quick-dried slides ° Ambient temperature

5 days ° Microscopy

Please specify the sperm count.
This test is not performed for sperm counts < 1 million/ml

Pregnenolone sulfate - serum — SPRE *

1 mL Serum ° Refrigerated

10 days ° Radioimmunoassay

CIRCADIAN RHYTHM: This biological molecule has a circadian rhythm (maximum concentration in morning), with a sufficiently significant amplitude to have an important influence on the clinical interpretation

PVL toxin detection (Staphyloccoccus aureus) - PCR on strain — STABM *

Freshly subcultured pure strain (subculture <48 hours before dispatch) ° Ambient temperature

1 week ° PCR detection of the PVL gene

Available only on bacterial strain (please ensure the IATA logistics guidelines to refer this sample)
Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology
Delivery time: Room temperature (between 15 and 25°C) < 5 days
Storage: room temperature, delivery: refrigerated

S10: Diagnobox (three layers of sealed packaging)

Steatorrhoea - fat dosage - stool — STEAT *

Total of 24 hour stool samples ° Refrigerated

2 days ° Infrared SpectroPhotometry (NIRS)

Complete 24-hours stool collection
Attach the specific clinical information form (R29-INTGB: Functional Coprology)
Collection of 24-, 48- or 72-hour stool samples.
Use one stool container per 24-hour collection period. For 48- or 72-hour collections, group all containers in a single bag with a single request form. The samples will be pooled and processed as a single examination.
Diet enriched with butter (50g butter minimum daily) 3 days before collection and during the collection

T10 : Stool container 1l

Steinert myotonic dystrophy - EDTA whole blood — STEIN *

5 mL EDTA whole blood ° Ambient temperature

30 days ° MLPA

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription. Enclose the specific B12-INTGB request form: Molecular Genetics

Steroids panel - Examination of gonad function — STER1 *

1 mL EDTA plasma ° FROZEN before sending

1 week °

Enclose the specific information form R41 INT GB-Steroids panels

Steroids panel - Testing for a disorder in steroid biosynthesis — STER2 *

1 mL EDTA plasma ° FROZEN before sending

1 week °

Enclose the specific information form R41 INT GB-Steroids panels

Steroid profile - urine — STERE *

50 mL 24hr Urine collection ° FROZEN

3 weeks ° Chromatography - Colorimetry

Stiripentol - Serum — STIRI *

1 mL Serum (do not use tubes with separator gel) ° FROZEN

15 days ° HPLC - High Performance Liquid Chromatography

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)

Soluble bacterial antigens Streptococcus pneumoniae - CSF — STREL

1 mL CSF ° Refrigerated

1 day ° Immuno chromatography

Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology
The use of the purple S14UK transport bag is MANDATORY

Strychnin - urines

STRYU *

5 mL Urine sample ° FROZEN

2 weeks ° GPC/MS - HPLC/UV-BD

Escherichia coli - serotyping by agglutination (e.g. E. coli K1; EPEC; O157, etc.)

STYPB *

On isolated freshly transplanted Escherichia coli bacterial strain, stool, vaginal swab ° Refrigerated

Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology
The prescription for this examination must be accompanied by the patient's clinical and therapeutic background
Container : Sterile red-capped bottle for stool collection, AMIES-type transport medium for vaginal swabs or Petri dish or agar tube (strain).
HUS context for E.coli O157 testing
Transit time: Chilled for 48 hours at 2 to 8°C (stool, vaginal swab) or room temperature < 5 days (strain)

#MULTIVALUE

Sugars - screening - Stool

SUCSP *

20 g Stool specimen ° FROZEN

4 days ° Chromatography - Colorimetry

Sample

Sulfatides - urine

SULFA *

[To be translated] ° FROZEN

6 weeks ° Tandem mass spectrometry (MS/MS)

Attach the clinical data

Sulphonylureas - serum

SULS *

2 mL Serum ° FROZEN

10 days ° HPLC - High Performance Liquid Chromatography / UV detection

Always indicate the clinical context
One specific aliquot is required for this analysis.

Anti-adrenal gland antibodies - serum — SURAC

1 mL serum (do not use 10 mL tube) ° Refrigerated

8 days ° Immunofluorescence

Myosite Markers - serum — SYNTH *

1 x 1 mL Serum ° Refrigerated

3 days ° Immunodot

Anti-T3 antibodies - triiodothyronine - serum — T3AC *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

30 days ° Radioimmunoassay

Enclose the specific clinical information form (R67 : Anti-thyroid hormone antibodies)
Attach the thyroid evaluation results

rT3 - Reverse triiodothyronine - Serum — T3RE *

1 mL serum ° FROZEN

1 month ° Radioimmunoassay

One specific aliquot is required for this analysis.

Total T3 - Total triiodothyronine - serum — T3TOT *

1 mL Serum ° Refrigerated

1 day ° Electrochemiluminescence

ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

T3 - Triiodothyronine - urine — T3U *

1 tube(s) Non acidified 24hrs urine collection ° Refrigerated

2 weeks (if dilution/control needed - TAT 4 weeks ° Radioimmunoassay

Specify diuresis

Anti-T4 antibodies - thyroxine - serum — T4AC *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

30 days ° Radioimmunoassay

Enclose the specific clinical information form (R67 : Anti-thyroid hormone antibodies)
Attach the thyroid evaluation results

Total T4 - Total thyroxine - serum — T4TOT *

1 mL Serum ° Refrigerated

2 days ° Electrochemiluminescence

ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

T4 - Thyroxine - urine — T4U *

1 tube(s) Non acidified 24hrs urine collection ° Refrigerated

2 weeks (if dilution/control needed - TAT 4 weeks ° Radioimmunoassay

Specify diuresis
CIRCADIAN RHYTHM: This biological molecule has a circadian rhythm (maximum concentration in morning), with a sufficiently significant amplitude to have an important influence on the clinical interpretation

Cysticercosis - Taenia Solium - IgG serology - serum — TAE

1 mL serum (do not use 10 mL tube) ° Refrigerated

8 days ° Enzyme-immunoassay

If equivocal or positive, the confirmation test is automatically performed.

Tick-borne encephalitis - TBE - IgG/IgM serology - serum — TBE

1 mL Serum ° Refrigerated

8 days ° Chemiluminescence

Enclose the specific clinical information form (R35-INTGB : Infectiology)

Testosterone Bioavailable - woman/ child - serum — TBEF *

2 mL Serum ° FROZEN

6 days ° Radioimmunoassay

ALWAYS sample in the fasting state

Thyroxine-binding globulin - TBG - serum

TBG *

1 mL Serum ° FROZEN

2 weeks (if dilution/control needed - TAT 4 weeks ° ELISA

Testosterone Bioavailable - Man - serum

TBH *

3 mL Serum ° FROZEN

4 days ° Radioimmunoassay

Fasting sample required
Lipemic samples must be rejected

Activated Partial Thromboplastin Time - aPTT - plasma

TCA *

2 mL Citrated Plasma ° FROZEN

1 day ° Chronometric method

If possible, please specify if the patient is on an anticoagulant treatment as well as the clinical context.
In case of investigation of a prolonged aPTT without further information, a measurement of factors VIII, IX, XI will be performed in addition to aPTT. In a pre-surgical context, investigation for circulating anticoagulant is limited to aPTT, aPTT patient + control, and calculation of the Rosner index.
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Circulating anticoagulant - screening - plasma

TCAOP *

2 mL Citrated Plasma ° FROZEN before sending

1 day ° Chronometric method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
One specific aliquot is required for this analysis.
Plasma with platelets removed by double centrifugation: 2500 g 15 min and settled plasma. The patient must not receive heparin.
The sample must be drawn at distance from any heparin treatment (UFH, LMWH, danaproid sodium) rivaroxaban (XARELTO) apixaban (ELIQUIS), dabigatran (PRADAXA)
Not to be confused with the lupus anticoagulant research that has to be done in cases of thrombophilia checks, autoimmune deseases and/ or recurrent miscarriages.

Toxocariasis - serology - serum

TCAR

1 x 1 mL serum (do not use 10 mL tube) ° Refrigerated

3 days ° Enzyme-immunoassay

If equivocal or positive, the confirmation test is automatically performed.

Tetrachloroethylene - EDTA whole blood or Heparin — TCHLS *

5 mL EDTA whole blood or Heparin ° Refrigerated

25 days ° Gas Phase Chromatography / electron captors

Do not use tubes containing merthiolate
Sample at end of work shift
Transfer whole blood into a special glass tube with a PTFE lid

T17 : Glass tube, PTFE lid for organic solvents detection - blood

Tetrachloroethylene - urine — TCHLU *

10 mL urine sample ° Refrigerated

25 days ° Gas Phase Chromatography / electron captors

Glass container with PTFE stopper, supplied upon request

T18 : Glass flask, PFTE lid for organic solvents detection - urine

Sex-Binding Globulin - SHBG — TEBG *

1 mL Serum ° Refrigerated

2 days ° Electrochemiluminescence

ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Testosterone - woman/child - serum — TEF *

1 mL Serum ° Refrigerated

2 days ° Radioimmunoassay

Testosterone — TEF2 *

1 mL 1 mL serum T0
1 mL serum T1 ° Refrigerated

2 days ° Radioimmunoassay

Testosterone — TEF3 *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2 ° Refrigerated

2 days ° Radioimmunoassay

Testosterone — TEF4 *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3 ° Refrigerated

2 days ° Radioimmunoassay

Teicoplanine par immunoturbidimétrie (Thermo Scientific) - Serum — TEI *

1 mL Serum ° FROZEN

2 days ° Immuno turbidimetry

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
Prélèvement toujours à la même heure au taux résiduel avant une nouvelle prise

Cysticercosis - confirmation serology — TENAC

1 mL Serum (no 10 mL tube) or CSF ° Refrigerated

8 days ° Western-Blot

Cysticercosis - confirmation serology - CSF — TENAD

1 mL CSF ° Refrigerated

8 days ° Western-Blot

Tenofovir - plasma — TENO *

3 mL EDTA Plasma centrifuged immediately ° FROZEN

2 weeks ° LCMS

Enclose the specific clinical information form (R6-INTGB : Anti-retroviral medicines)
Recommended residual rate, once steady state is reached

Cyamemazine - Serum

TER *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

11 days ° Liquid chromatography / Tandem mass spectrometry (LC-TMS/MS)

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.
Always draw blood at the same time before another administration

Anti-testicular antibodies - serum

TESTA

1 mL serum (do not use 10 mL tube) ° Refrigerated

1 week ° Immunofluorescence

Tetanus - immunity test - IgG serology - serum

TET

1 x 1 mL serum (do not use 10 mL tube) ° Refrigerated

3 days ° Enzyme-immunoassay

tfrifluoroacetic acid TFA

TFA *

1 x 1 mL EDTA plasma ° Refrigerated

3 weeks ° LC-MS/MS

1 specific aliquot for this analysis

Human tissue transglutaminase antibody - IgA - serum

TGLU

1 x 1 mL serum (do not use 10 mL tube) ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay

During the assay of the IgA anti-transglutaminase antibodies, if there is an alarm causing us to suspect a deficit in total IgA, the assay of total IgA and the assay of anti-transglutaminase IgG antibodies will be carried out in order to make the diagnosis of coeliac disease.
For celiac disease diagnosis, results are valid only if patient is under a ¿normal¿ diet (including gluten) and if there is no evidence of IgA deficiency

Human tissue transglutaminase antibody - IgG - serum — TGLUG

1 mL serum (do not use 10 mL tube) ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay

Testosterone - man — TH *

1 x 1 mL serum ° Refrigerated

1 day ° chimiluminescence (CMIA)

Testosterone — TH2T *

1 mL 1 mL serum T0
1 mL serum T1 °

1 day ° chimiluminescence (CMIA)

ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Testosterone — TH3T *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2 ° Refrigerated

1 day ° chimiluminescence (CMIA)

Testosterone — TH4T *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3 ° Refrigerated

1 day ° chimiluminescence (CMIA)

Testosterone — TH5T *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4 ° Refrigerated

1 day ° chimiluminescence (CMIA)

Beta-Thalassemia - gene study - EDTA whole blood — THAGX *

10 mL EDTA whole blood ° Ambient temperature

2 months ° PCR

Enclose the specific B12-INTGB request form: Molecular Genetics

Thallium - urine — THALU *

5 mL urine ° Refrigerated

3 weeks °

Theophylline - Serum — THEO *

1 mL Serum ° Refrigerated

1 day ° Immunoenzymology

No gel tube
Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
Always take at the same time at the residual rate before a new dose

Thiols - plasma — THIOL *

1 mL Lithium heparin plasma ° FROZEN

3 weeks ° Chemistry - Spectrophotometry

Freeze the sample within one hour. Home collection is not recommended.
Identification of the aliquot tubes: name and date of birth of the patient and name of the test.
Centrifugation at a controlled temperature (10 minutes at 2800g)

anti THSD7A antibodies — THSD7

1 x 1 mL Sérum ° Refrigerated

14 days ° Immunofluorescence

Thyroglobulin - biological fluid — THYRD *

2 mL Biological fluid ° FROZEN

5 days ° Chemiluminescence

ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Juvenalis - Panel - ThyroCheck+ — THYRJ *

2 x 1 mL plasma heparin (without separator gel) : refrigerated;
5 x 1 mL serum (without separator gel) : refrigerated;
2 x 1 mL serum (without separator gel) : frozen;
2 mL plasma heparin (without separator gel) : frozen;
4 mL urines (morning urination) : refrigerated; °

3 weeks °

Do not use tubes with phase separator
Fasting sample required
This is a panel of analyses, which must be sent in full to Eurofins Biomnis, without being separated
Attach the specific health questionnaire to the back of the application form.
It is essential to identify the nature of the sample on each tube sent.
Do not combine the Juvenalis report and the Eurofins Biomnis report in the same file.

Thyroglobulin — THYRO *

1 x 1 mL serum ° Refrigerated

1 day ° Chemiluminescence

ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Tianeptine — TIAN *

2 mL heparinised plasma (do not use tubes with gel separators) ° FROZEN

10 days ° HPLC - High Performance Liquid Chromatography / DAD

Do not use tubes with phase separator
One specific aliquot is required for this analysis.
In accordance with the regulation, all requests must ALWAYS contain:
- the sampling date and time, the date and time of the last dose
- the reasons for the prescription (efficiency and/or toxicity test)
- the treatment start date and/or the date of any change of dosage
- the subject's age, height and weight, when possible
- the dosage data (quantity administered, frequency, administration route)
- the medical follow-up sheet

Tipranavir - Serum — TIPRA *

3 mL Serum (do not use tubes with separator gel) ° FROZEN

3 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R6-INTGB : Anti retroviral treatment)

Immunoreactive trypsin (Cystic Fibrosis) Guthrie card - blotting paper — TIRBX *

Guthrie card only ° Ambient temperature

1 week ° Enzyme-immunoassay

Titanium — TITAN *

1 mL heparinised plasma (do not use tubes with gel separators) ° Refrigerated

1 month ° Optical Emission Spectrometry with Inductively Coupled Plasma (ICP-OES)

Titanium - urine — TITAU *

15 mL urine ° Refrigerated

15 days ° Optical Emission Spectrometry with Inductively Coupled Plasma (ICP-OES)

Anti-titin antibodies - CSF — TITIL

1 mL CSF ° Refrigerated

3 days ° Immunodot

Anti-titin antibodies - serum — TITIN

1 mL serum (do not use 10 mL tube) ° Refrigerated

3 days ° Immunodot

Testosterone free - Serum — TLI *

1 mL Non haemolysed and non lipemic serum ° FROZEN

3 days ° ELISA

TNF-alpha - Tumour Necrosis Factor — TNF *

1 mL EDTA Plasma ° FROZEN

31 days °

Tobramycin - Serum — TOB *

1 mL Serum ° Refrigerated

1 day ° Enzyme-immunoassay

No gel tube
1 specific aliquot for this analysis
Enclose the specific clinical information form (R18-INTGB : Infectious agents)
Residual level = before injection; Peak = 30 min after end of infusion or 1 hr after IM injection

Tocilizumab - serum — TOCI *

1 mL Serum ° FROZEN

30 days ° Enzyme-immunoassay

Always draw blood at the same time before another administration
Please attach the specific clinical information sheet (R46 : Anti-TNF)

Toluene - EDTA whole blood or Heparin — TOLS *

5 mL EDTA whole blood or Heparin ° Refrigerated

25 days ° Gas Phase Chromatography / Mass Spectrometry (GC-MS)

Do not use tubes containing merthiolate
Sample at end of work shift
Transfer whole blood into a special glass tube with a PTFE lid

T17 : Glass tube, PTFE lid for organic solvents detection - blood

Toluene - urine — TOLU *

10 mL urine sample ° Refrigerated

25 days ° Gas Phase Chromatography / Mass Spectrometry (GC-MS)

Glass container with PTFE stopper, supplied upon request
Sample at end of work shift

T18 : Glass flask, PFTE lid for organic solvents detection - urine

Topiramate - serum — TOPIR

1 mL Serum (do not use tubes with separator gel) ° FROZEN

7 days ° LCMS/MS

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.
Always draw blood at the same time before another administration
The following tests can be performed on the same sample: Gabapentin; Oxacarbazepine/10-OH-Carbazepine; Topiramate; Lacosamide

Toscana virus - direct diagnosis - PCR — TOSBM

1 mL Plasma EDTA, Serum, CSF ° Refrigerated

3 days ° RT - PCR in real time

The use of the purple S14UK transport bag is MANDATORY

Toxoplasmosis - antibody avidity - IgG - serum — TOXAV *

1 mL Serum ° Refrigerated

2 days ° Chemiluminescence

On specific request

Toxoplasmosis - direct diagnosis - PCR — TOXBM

Whole blood (EDTA), bronchial aspirations, BAL, aqueous humor, CSF, biopsy (lymph node and brain), cord blood ° Refrigerated

6 days ° Real time PCR

.
The use of the purple S14UK transport bag is MANDATORY
Samples (other than swabs) must be sent as is, in a sterile container, without transport medium.
The following samples are not accepted: placenta, umbilical cord (except blood) or any other sample of foetal origin (except blood).

Toxocariasis - confirmation serology - serum — TOXC

1 mL serum (do not use 10 mL tube) ° Refrigerated

4 days ° Western-Blot

Toxoplasmosis - direct diagnosis - PCR - amniotic fluid — TOXLA

8 mL amniotic fluid ° Refrigerated

4 days ° Real time PCR

Attach the patient's informed consent (D44 consent_Post-Prenatal)
The use of the purple S14UK transport bag is MANDATORY
Use the specific form B3-INTGB: Cytogenetic

Toxoplasmosis - IgG/IgM serology - serum — TOXO *

1 mL Serum ° Refrigerated

3 days ° Chemiluminescence - Enzyme immunoassay

In case of doubtful serology result, a confirmation test by westernblot is automatically performed, test code WBTXG
ALWAYS specify the type: screening, screening check, follow-up, follow-up check, pregnancy screening, pregnancy screening check, pregnancy follow-up, pregnancy follow-up check or newborn

Toxoplasmosis research into IgG and IgM neosynthesis — TOXWB *

[Indéfinie] 1 mL maternal serum + 1 mL infant serum sample collected 3 days after birth ° Refrigerated

11 days ° Western-Blot

Always indicate the clinical context
IMPORTANT: Maternal serum and infant serum (collected on day 3 after birth) must always be submitted together for profile comparison.

TPA - Tissue Polypeptide Antigen

TPA *

1 mL serum ° FROZEN

3 days ° Chemiluminescence

Centrifuge without delay, separate the supernatant and freeze
One specific aliquot is required for this analysis.
Please label the request in words and do not use abbreviations
Not to be confused with tPA - Tissue Plasminogen Activator

Prothrombine Ratio - plasma

TPH *

2 mL Citrated Plasma ° FROZEN

1 day ° Chronometric method

If the patient is currently under AVK treatment, request an INR instead
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

TPMT Genotyping or testing for major polymorphisms in the TPMT gene: Alleles TPMT*2, TPMT*3A, TPMT*3B, TPMT*3C gene: - EDTA whole blood

TPMT

5 mL EDTA whole blood ° Refrigerated

5 weeks ° LAMP PCR

According to regulation, each request must ALWAYS be submitted with a consultation certificate, the medical prescription and a consent form signed by the patient and the prescriber
Enclose the specific B12-INTGB request form: Molecular Genetics

Anti-thyroid peroxidase antibodies

TPO *

1 x 1 mL serum ° Refrigerated

1 day ° Electrochemiluminescence

ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Pre-eclampsia sFlt-1 et PlGF - Predictive test - sFlt-1/PlGF ratio - serum — TPREE

2 mL ((volume impératif)) Serum (1 specific tube for pre-eclampsia screening) ° Refrigerated

2 days ° Electrochemiluminescence

Sampling from Week 20 of pregnancy
The sample must be centrifuged as quickly as possible, within 4 hours by the latest.
For the French Overseas Territories and other international consignments: FROZEN < 4H IMPERATIVE
One specific aliquot is required for this analysis.
Please ensure to confirm the sample and conception date (date of the first trimester ultrasound and crown rump length (CRL)).

[To be translated]

Chlamydia trachomatis - Detection by molecular amplification — TRABM *

Sample on Aptima collection kit (Hologic): Kit K11 : cervical, urethral, vaginal, conjonctival swab, biopsy, IUD. For liquid samples (200 µL minimum): sperm, Douglas pouch fluid, Bartollin fluid, peritoneal fluid
Kit K14: self-sampling (vaginal), samples and self-sampling (anal,pharyngeal) - Kit K12: urine from the 1st jet taken at least 1 hour after the last micturition. ° Ambient temperature

2 days ° Molecular biology

K11: Aptima Unisex Swab Collection Kit for endocervical and urethral swabs
K12: Aptima Urine Collection Kit for urine samples or sterile urine jar without additives.
PROHIBIT jars with integrated transfer needle or cannula.
K14: Aptima Multi-Test Swab Collection Kit for vaginal and self-collection of vaginal samples.

Chlamydia trachomatis - IgA serology - Serum — TRACA *

1 mL Serum ° Refrigerated

2 days ° Chemiluminescence

ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Chlamydia trachomatis - IgG serology - Serum — TRACG *

1 mL Serum ° Refrigerated

2 days ° ELISA GSD NovaLisa

Test for IgA or IgM on explicit request
ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Chlamydia trachomatis - IgM serology - serum

TRACM

1 mL serum (do not use 10 mL tube) ° Refrigerated

8 days ° Immunofluorescence

Test not recommended for STD screening
On specific request

Anti-TSH receptor antibodies

TRAKH *

1 x 1 mL serum ° Refrigerated

1 day ° Electrochemiluminescence

The search for TSH antiretroviral autoantibodies should be restricted to pregnant women who have or have had Graves¿ disease or autoimmune thyroiditis or during follow-up of patients with Graves¿ disease treated by synthetic antithyroid drugs.
ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Tramadol - Serum

TRAMA *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

2 weeks ° HPLC - High Performance Liquid Chromatography / UV detection

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.

associated periodic syndrome - EDTA whole blood

TRAPS *

5 mL EDTA whole blood ° Ambient temperature

30 days ° PCR + sequencing

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Enclose the specific B12-INTGB request form: Molecular Genetics

Treponema pallidum - Detection via PCR — TREBM

[Indéfinie] Mucocutaneous sampling, biopsy (except umbilical cord and placenta biopsy), CSF, cord blood, nasal secretions (infant) ° Refrigerated

7 days ° Real-time PCR

Use M4RT medium
The use of the purple S14UK transport bag is MANDATORY
Samples (other than swabs) must be sent as is, in a sterile container, without transport medium.
The following samples are not accepted: placenta, umbilical cord (except blood) or any other sample of foetal origin (except blood).
Other acceptable transport media: eSwab, Transwab and UTM. Alternatively, an Amies transport medium is acceptable.

S14: Special mycobacteria transport bags are to be used

Trichinosis - IgG serology - serum — TRI

1 mL serum (do not use 10 mL tube) ° Refrigerated

8 days ° Enzyme-immunoassay

If equivocal or positive, the confirmation test is automatically performed.

Triazolam - serum — TRIAZ *

2 mL Serum ° FROZEN

10 days ° HPLC - High Performance Liquid Chromatography / DAD

Do not use tubes with phase separator
One specific aliquot is required for this analysis.
In accordance with the regulation, all requests must ALWAYS contain:
- the sampling date and time, the date and time of the last dose
- the reasons for the prescription (efficiency and/or toxicity test)
- the treatment start date and/or the date of any change of dosage
- the subject's age, height and weight, when possible
- the dosage data (quantity administered, frequency, administration route)
- the medical follow-up sheet

Trichomonas vaginalis - Search by gene amplification — TRIBM *

[Indéfinie] Urine, urethral swab, cervical/endocervical swab, vaginal swab (using the following devices: Copan, ESwab®) ° Refrigerated

1 day ° Molecular biology.
Technique: Eurobio Scientific (real-time PCR)

Trichloroacetic acid + Trichloroethanol - TCE + TCA - urine — TRICU *

10 mL urine sample ° Refrigerated

21 days ° Gas Phase Chromatography / Mass Spectrometry (GC-MS)

Collect the sample on a plastic container
Sample at end of work shift

Antidepressants screening- identification - without dosage — TRICY *

2 mL heparinised plasma (do not use tubes with gel separators) ° FROZEN

1 week °

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.
Always draw blood at the same time before another administration
Always specify the clinical context : efficiency or toxicity

Triglycerides — TRIG *

1 mL Serum or Heparin Plasma ° Refrigerated

1 day ° Chemistry - Spectrophotometry

Fasting sample required

10-Hydroxy-carbazepine - serum — TRILE

1 mL Serum (do not use tubes with separator gel) ° FROZEN

7 days ° LCMS/MS

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
Residual level sample (just before administration)
The following tests can be performed on the same sample: Gabapentin; Oxacarbazepine/10-OH-Carbazepine; Topiramate; Lacosamide

Trichinosis - confirmation serology - serum — TRIWB

1 mL serum (do not use 10 mL tube) ° Refrigerated

8 days ° Western-Blot

Specific IgE : food allergen testing - Trophatop® adult - fx5/fx24/fx25 — TROA

1 mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay

Specific IgE : food allergen testing - Trophatop® children - fx26/fx27/fx28 — TROE

1 mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay

Lepticur - Serum — TROPA *

2 mL Serum (do not use tubes with separator gel) ° Refrigerated

10 days ° High-performance liquid chromatography / Spectrometry

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)

Troponin C.I HS — TROPI *

1 mL serum ° FROZEN

1 day ° CMIA

Attach the clinical data
Centrifuge, decant and freeze for 30 min to 2 hours. Avoid glass tubes.

Phosphorus - tubular reabsorption rate — TRP *

1 mL Serum + 5 mL of a 2hr acidified urine collection(pH<3) ° Refrigerated

1 day ° Chemistry - Spectrophotometry

The calculation of TRP require creatinine and phosphorus assays on serum and urines.
The subject, fasting since the previous evening, empties his/her bladder at 8 a.m. and consumes 250 mL of water. Collect the urine eliminated from 8 to 10 a.m.

Trypanosoma gambiense - serology - CSF — TRYL *

1 mL CSF ° Refrigerated

15 days ° Agglutination (CATT) and Immunofluorescence

Trypanosoma cruzi - serology — TRYPA

1 mL serum (plasma also accepted) ° Refrigerated

7 days ° Chemiluminescence

.

Tryptophan — TRYPO

1 mL heparinised plasma (do not use tubes with gel separators) ° FROZEN

2 weeks ° LCMS/MS

Attach the specific clinical information form (R26-INTGB: Metabolic Biochemistry)
Freeze the sample within one hour. Home collection is not recommended.
One specific aliquot is required for this analysis.

Tryptase - serum — TRYPT

1 x 1 mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay

Sample taken as soon as possible after anaphylactic shock, and then at +2 hrs and +8 hrs

K2: Sampling kit - use only in case of anaphylactic shock

Trypanosoma gambiense - serology - serum — TRYS *

1 mL Serum ° Refrigerated

15 days ° Agglutination (CATT) and Immunofluorescence

TSH - Thyroid-stimulating hormone - Third generation - serum — TSH *

1 mL Serum ° Refrigerated

1 day ° Electrochemiluminescence

ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

TSH - Thyroid-stimulating hormone — TSH2T *

1 mL 1 mL serum T0
1 mL serum T1 ° Refrigerated

1 day ° Electrochemiluminescence

TSH - Thyroid-stimulating hormone — TSH3T *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2 ° Refrigerated

1 day ° Electrochemiluminescence

TSH - Thyroid-stimulating hormone — TSH4T *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3 ° Refrigerated

1 day ° Electrochemiluminescence

TSH - Thyroid-stimulating hormone — TSH5T *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4 ° Refrigerated

1 day ° Electrochemiluminescence

TSH - Thyroid-stimulating hormone — TSH6T *

1 mL 1 mL serum T0
1 mL serum T1
1 mL serum T2
1 mL serum T3
1 mL serum T4
1 mL serum T5 ° Refrigerated

1 day ° Electrochemiluminescence

Anti-TSH antibodies - serum — TSHAC *

1 mL Serum (do not use tubes with separator gel) ° FROZEN

1 month ° Radioimmunoassay

Enclose the specific clinical information form (R67 : Anti-thyroid hormone antibodies)
Attach the thyroid evaluation results

TSH - Thyroid-stimulating hormone - . - blotting paper — TSHBX *

Guthrie card only ° Ambient temperature

1 week ° Enzyme-immunoassay

Thrombin clotting time - plasma — TT *

1 mL Citrated Plasma ° FROZEN

1 day ° Chronometric method

ALWAYS specify the current anticoagulant treatment
Attach the clinical data relating to the patient (major inflammatory syndrome, pregnancy, etc.) and the circumstances (bleeding, thrombosis, preoperative evaluation, etc.)
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Amylose héréditaire à transthyrétine - Etude moléculaire du gène TTR par séquençage nouvelle génération — TTR

5 mL blood on EDTA. Do not use tubes with separator gel or beads. ° Ambient temperature

1 month ° Long Range PCR Amplification, Long Fragment Sequencing on Oxford Nanopore Technologies Platform.

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Send the tube within 48 hours.
Sample must be refrigerated if transport is > 48 hours
Enclose the specific B12-INTGB request form: Molecular Genetics
Utiliser la fiche de renseignements cliniques R76

S34 : Sachet

Tularemia - Francisella tularensis - serology total antibodies - serum — TUL

1 mL serum (do not use 10 mL tube) ° Refrigerated

8 days ° Chemiluminescence

Anti-thyroglobulin antibodies — TYRAC *

1 x 1 mL serum ° Refrigerated

1 day ° Electrochemiluminescence

The search for antithyroglobulin autoantibodies should only be performed in patients with suspected autoimmune thyroiditis despite the absence of antithyroid microsomal or antithyroperoxidase autoantibodies, or to validate an assay of a circulating thyroglobulin in a patient with thyroid carcinoma.
ATTENTION: interference possible in patients treated with biotin (vitamin B7, B8 or H) or taking any food supplement containing biotin. Essential to STOP treatment 8 days before taking the sample.

Tyrosinemia type I - succinylacetone - blotting paper — TYRBU *

Guthrie card only ° Ambient temperature

3 weeks °

Tyrosine — TYROS

1 mL heparinised plasma (do not use tubes with gel separators) ° FROZEN

1 week ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R1-INTGB : Amino Acids - Organic Acids)
Freeze the sample within one hour. Home collection is not recommended.
Sample in a fasting state (for infants, draw sample 3-4 hours after bottle)
One specific aliquot is required for this analysis.

Tyrosine - urine — TYROU

2 tube(s) Early morning urine (fasting) ° FROZEN

1 week ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R1-INTGB : Amino Acids - Organic Acids)
Fasting sample required
Freeze the sample within one hour. Home collection is not recommended.

Tube for urine sample (4mL)-T28

Anti-Natalizumab antibodies - serum — TYSA *

2 mL Serum ° Refrigerated

3 weeks ° Enzyme-immunoassay

Collect sample 4 weeks after the last Natalizumab injection. Screening for anti Natalizumab antibodies must be requested at the same time

UBA1 gene - isolated — UBA1

[Indéfinie] 5 ml EDTA whole blood or 2 ml EDTA bone marrow or DNA extracted : (200ng of DNA minimum) ° Ambient temperature

10 days (Results may require an extended turnaround time, one week, depending on the confirmation tests required by Sanger

Samples to be collected from Monday to Friday
Sample must be refrigerated if transport is > 48 hours
Use the specific request form B8-INTGB: Malignant blood disorders
Attach:
- the results of the FBC - platelets
- the bone marrow report

UGT1A1 : screening for UGT1A1*28(rs8175347) polymorphism - Involved in irinotecan metabolism — UGT1A

1 tube(s) Whole blood on lithium heparin or whole blood on EDTA, avoid tubes containing beads. ° Refrigerated

10 days ° Real-time PCR

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
1 specific aliquot for this analysis

Uric acid - serum — URIC *

1 mL Serum ° Refrigerated

2 days ° Chemistry - Spectrophotometry

Uric acid - biological fluid — URID *

1 mL Biological fluid ° Refrigerated

2 days ° Chemistry - Spectrophotometry

Uric acid — URIU *

1 tube(s) alkalinised 24 h urine (pH > 8) ° Refrigerated

2 days ° Chemistry - Spectrophotometry

Urine alkalinised with sodium hydroxide to pH > 8
Specify diuresis

Ustekinumab - serum — USTEK

1 mL Serum ° FROZEN

15 days ° Chemiluminescence

Please attach the specific clinical information sheet (R46 : Anti-TNF)

Vitamin A - Retinol - Plasma — VA

2 mL Heparin plasma (do not use separator gel) ° FROZEN

4 days ° HPLC - High Performance Liquid Chromatography

Sample to be frozen within 90 minutes . Home sampling is not advisable.
If requested with vitamin E, 1 specific aliquot for both assays.
Store samples protected from light but do not pack the tube.

Valaciclovir - Plasma — VALAC *

2 mL Heparin plasma (do not use tubes with separator gel) ° FROZEN before sending

1 week ° HPLC - High Performance Liquid Chromatography

Freeze the sample within one hour. Home collection is not recommended.
One specific aliquot is required for this analysis.

Valproic acid - Serum — VALP *

1 mL Serum ° Refrigerated

1 day ° Immunoenzymology

No gel tube
Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
Always take at the same time at the residual rate before a new dose

Vancomycin - Serum — VANC *

1 mL Serum ° FROZEN before sending

1 day ° Immunoenzymology

No gel tube
1 specific aliquot for this analysis
Enclose the specific clinical information form (R18-INTGB : Infectious agents)
Sampling time: residual level = before IV injection; post-injection peak = 45 to 60 min after end of IV infusion

Varicella zoster virus - IgG serology - serum — VARHN *

1 mL Serum ° Refrigerated

2 days ° Chemiluminescence

Storage temperature (2-8°C) < 7 days during transport of specimen.
On specific request

Varicella zoster virus - IgG serology - serum

VARZG *

1 x 1 mL Serum ° Refrigerated

2 days ° Chemiluminescence

Storage temperature (2-8°C) < 7 days during transport of specimen.
On specific request

Varicella zoster virus - IgM Serology - serum

VARZM *

1 mL Serum ° Refrigerated

2 days ° Chemiluminescence

Storage temperature (2-8°C) < 7 days during transport of specimen.

VASP - VAsodilatator Stimulated Phosphoprotein - whole blood

VASP *

1 x 2 mL (fonction du volume de tube citraté choisi (exemple: tube pédiatrique accepté); veiller au bon remplissage du tube)
Citrated whole blood ° Ambient temperature

2 days ° Flow Cytometry

Collect on the day the sample is sent; do not collect on Saturdays
Use non-wettable plastic sample tubes
Take samples as close as possible to the time when the collection company passes by
Specify the type of molecule, the number of tablets per day and the clinical context.

Vitamin B1 - Thiamin

VB1ST

1 x 2 mL Whole blood EDTA (no tubes with separator) ° FROZEN

6 days ° LCMS/MS

Store samples protected from light but do not pack the tube.
Tubes with separators not accepted

Vitamin B2 - Riboflavin

VB2

1 mL EDTA whole blood (do not use tubes with separator gel) ° FROZEN

2 weeks ° HPLC - High Performance Liquid Chromatography

Whole blood (imperative)
One specific aliquot is required for this analysis.
Store samples protected from light but do not pack the tube.

Vitamin B6 - Pyridoxal phosphate — VB6ST

1 x 2 mL Whole blood EDTA (no tubes with separator) ° FROZEN

6 days ° LCMS/MS

Store samples protected from light but do not pack the tube.
Tubes with separators not accepted

Vitamin B8 or H - Biotin — VB8

2 mL lithium heparin plasma (do not use tubes with separator gel) ° Refrigerated

14 days ° Immunoenzymatic method

Store samples protected from light but do not pack the tube.

Vitamin E - Tocopherol - Plasma — VE

2 mL Heparin plasma (do not use separator gel) ° FROZEN

4 days ° HPLC - High Performance Liquid Chromatography

Sample to be frozen within 90 minutes . Home sampling is not advisable.
If requested with vitamin A, 1 specific aliquot for both assays.
Store samples protected from light but do not pack the tube.

Vedolizumab - serum — VEDO

1 mL Serum ° FROZEN

15 days ° Chemiluminescence

Please attach the specific clinical information sheet (R46 : Anti-TNF)

Juvenalis - Panel - VeggieCheck — VEGAN *

2 x 3 ml EDTA whole blood: refrigerated ;
3 x 1 ml serum (without separating gel): refrigerated ;
2 ml heparinised plasma (protected from light): frozen;
1 ml citrated plasma : frozen;
4 ml of first morning urine: refrigerated;
2 ml heparinised plasma (without separating gel): refrigerated;
1 ml serum : frozen. °

4 weeks °

Do not use tubes with phase separator
Fasting sample required
This is a panel of analyses, which must be sent in full to Eurofins Biomnis, without being separated
Attach the specific health questionnaire (JU-Q01: JUVENALIS health questionnaire)
It is essential to identify the nature of the sample on each tube sent.
Do not combine the Juvenalis report and the Eurofins Biomnis report in the same file.

Vascular Endothelial Growth Factor (VEGF-A) - sérum and plasma EDTA — VEGF *

[Indéfinie] 1 ml serum and 1 ml plasma EDTA ° FROZEN

31 days ° ELISA

Venlafaxine - serum — VENLA

2 mL Serum (do not use tubes with separator gel) ° FROZEN

7 days ° Liquid chromatography / Tandem mass spectrometry (LC-TMS/MS)

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.
Always draw blood at the same time before another administration
The following examinations can be performed on the same sample: Citalopram; Duloxetine; Fluoxetine; Fluvoxamaine; Mirtazapine; Paroxetine; Sertraline; Venlaflaxine.

Anti-potassium channel antibodies / Lgi1 Caspr2 - CSF — VGKPL

300 µL CSF ° Refrigerated

8 days ° Immunofluorescence

Lacosamide - Vimpat - serum — VIMPA

1 x 1 mL Serum (do not use tubes with separator gel) ° FROZEN

7 days ° LCMS/MS

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
The therapeutic drug monitoring code suggests that the sample should be carried out at the residual rate (just before taking medication).
The following tests can be performed on the same sample: Gabapentin; Oxacarbazepine/10-OH-Carbazepine; Topiramate; Lacosamide

VIP - Vasoactive Intestinal Polypeptide - plasma — VIP *

1 mL EDTA plasma + Aprotinine - non haemolysed ° FROZEN

10 days ° Radioimmunoassay

Freeze the sample within one hour. Home collection is not recommended.
Refrigerated centrifugation
Sample on special tube (EDTA + Aprotinin) supplied on request.
Fasting sample required

T2 : EDTA + aprotinine tube

Paediatric respiratory viruses (RSV / Metapneumovirus / Rhinovirus) - direct diagnosis - PCR — VIRBM

[Indéfinie] Nasopharynx, bronchial secretions, BAL: ° Refrigerated

2 days ° Real-time PCR

Use M4RT medium
The use of the purple S14UK transport bag is MANDATORY
Samples (other than swabs) must be sent as is, in a sterile container, without transport medium.
Other acceptable transport media: eSwab, Transwab and UTM. Alternatively, an Amies transport medium is acceptable.

S14: Special mycobacteria transport bags are to be used

Juvenalis - vitamins panel — VITAM *

3 mL total EDTA blood :refrigerated;
2 x 3 mL total EDTA blood (Protected from light): frozen;
1 mL serum (without separator gel): refrigerated ;
1 mL serum (without separator gel): frozen ;
2 x 2 mL lithium héparin plasma or sodium heparin plasma(without separator gel - Protected from light) - frozen. °

3 weeks °

Do not use tubes with phase separator
Fasting sample required
This is a panel of analyses, which must be sent in full to Eurofins Biomnis, without being separated
Attach the specific health questionnaire (JU-Q01: JUVENALIS health questionnaire)
It is essential to identify the nature of the sample on each tube sent.
Do not combine the Juvenalis report and the Eurofins Biomnis report in the same file.
VCPJ parameter (vitamin C) :
-Centrifuge and freeze within 20 minutes.
-Samples should only be taken in your laboratory on Mondays, Tuesdays or Wednesdays and sent to Eurofins the same day (STORAGE TIME FOR FROZEN PLASMAHEPARIN = 48 HOURS BEFORE TECHNIQUE).
-1 specific aliquot for this analysis, to be stored in a dark place but without wrapping the tube.

Vitamin K1 - Phylloquinone — VK

2 mL Serum (kept away from light), do not use tube with separator gel ° FROZEN

2 weeks ° LCMS/MS

Sample to be frozen within 90 minutes . Home sampling is not advisable.
Store samples protected from light but do not pack the tube.

Vanilmandelic acid - Urine — VMA

[Indéfinie] Adult: 1 aliquot in tube urine of homogenized 24H.
Child: 2 aliquots in tube urine from urination. ° FROZEN

4 days ° LCMS/MS

Adult : specify the diuresis (volume of urine of 24H).
Child(<18 years):
The determination of urinary creatinine and homovanillic acid (HVA) are carried out systematically.
Freeze quickly after the end of the collection.
The determination of urinary creatinine is carried out systematically.
Urines have to be stored refrigerated during the collection process
No need of specific diet anymore.
Do not transmit pot
Adult: mandatory diuresis

Voriconazole - Serum — VORI *

3 mL Serum (do not use tubes with separator gel) ° FROZEN

12 days ° HPLC - High Performance Liquid Chromatography / UV detection

Enclose the specific information form R8 INTGB anti-fungal agents and anti-tuberculosis drugs

Vortioxétine - Serum — VORTI *

1 mL Serum (do not use tubes with separator gel) ° FROZEN

15 days ° HPLC - High Performance Liquid Chromatography

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.

Respiratory syncytial virus - RSV - IgG serology - serum — VRS

1 mL serum (do not use 10 mL tube) ° Refrigerated

15 days ° Enzyme-immunoassay

Respiratory syncytial virus - RSV - direct diagnosis - PCR — VRSBM

[Indéfinie] Nasopharyngeal swab ° Refrigerated

2 days ° Real-time PCR

Use M4RT medium
Also available in multiplex PCR (VIRBM), including detection of RSV, HMPV, and Rhinovirus.
The use of the purple S14UK transport bag is MANDATORY
Other acceptable transport media: eSwab, Transwab and UTM. Alternatively, an Amies transport medium is acceptable.

S14: Special mycobacteria transport bags are to be used

Varicella zoster virus - direct diagnosis - PCR — VZVBM

[Indéfinie] Mucocutaneous swabs, aqueous humor, bronchial aspirations, BAL, whole blood (EDTA), CSF, biopsy ° Refrigerated

1 day ° Real-time PCR

.
Use M4RT medium
The use of the purple S14UK transport bag is MANDATORY
Samples (other than swabs) must be sent as is, in a sterile container, without transport medium.
Other acceptable transport media: eSwab, Transwab and UTM. Alternatively, an Amies transport medium is acceptable.

S14: Special mycobacteria transport bags are to be used

Varicella zoster virus - direct diagnosis - PCR - amniotic fluid — VZVLA

8 mL amniotic fluid ° Refrigerated

4 days ° Real-time PCR

Attach the patient's informed consent (D44 consent_Post-Prenatal)
The use of the purple S14UK transport bag is MANDATORY
Use the specific form B3-INTGB: Cytogenetic

HIV1/2 - Human Immunodeficiency Virus - confirmatory serology by immuno-transfer technique - serum — WB12 *

4 mL Serum ° Refrigerated

2 days ° Immunoblot

Storage temperature (2-8°C) < 7 days during transport of specimen.

HTLV I/II - confirmation serology - serum — WBHTL *

1 mL Serum ° Refrigerated

10 days ° Immunoblot

Borreliosis - IgG confirmation serology — WBLYG *

1 mL serum, CSF ° Refrigerated

2 days ° Immunoblot

.

Borreliosis - IgM confirmation serology - serum

WBLYM *

1 mL Serum ° Refrigerated

2 days ° Immunoblot

.
On specific request

Protein 14.3.3

WBP14 *

1 mL CSF ° FROZEN

3 weeks ° Western-Blot

Enclose the specific clinical information form (R33 Protein-14.3.3)
If Alzheimer's disease biomarkers are requested simultaneously, please provide 3 to 5 mL for all analyses, together with the required specific tubes.
Centrifuge and settle the sample immediately in a tight double container
The subcontractor is working simultaneously on WBP14 and NEOPL, both billed at the HN rate.

TAU-20 : Kit protéine TAU -20°C (Alzheimer/Creutzfeldt-Jacob) ponction lombaire

Syphilis - IgG confirmation serology - serum

WBSG *

1 mL Serum ° Refrigerated

8 days ° Immunoblot Mikrogen

Syphilis - IgM confirmation serology - serum

WBSM *

1 mL Serum ° Refrigerated

8 days ° Immunoblot Mikrogen

Trypanosoma cruzi - confirmation - serum

WBTRY

500 µL serum (do not use 10 mL tube) ° Refrigerated

8 days ° Western-Blot

Toxoplasmosis - IgG confirmation serology - serum — WBTXG *

500 µL Serum ° Refrigerated

1 week ° western blot

Tropheryma whipplei - direct diagnosis - PCR — WHIBM

Plasma or whole blood (EDTA), serum, saliva, stool, biopsy, BAL, puncture fluids, joint fluids, CSF, urine, aqueous humor ° Refrigerated

3 days ° Real-time PCR

The use of the purple S14UK transport bag is MANDATORY
Samples (other than swabs) must be sent as is, in a sterile container, without transport medium.

Von Willebrand factor - plasma — WIL *

2 mL Citrated Plasma ° FROZEN

1 day ° Immunological turbidimetric method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
Plasma with platelets removed by double centrifugation: 2500 g 15 min
Send us the ABO blood group result. For desmopressin testing (Octim®, Minirin®) please indicate the time period for each tube (T0, T+1hr etc.)
In the event of screening for von Willebrand disease, ristocetin cofactor activity and factor VIII coagulant activity are carried out first. Von Willebrand factor antigen is performed only performed if the functional assay (activity) is decreased
Could you please provide the us the PFA-100 result, if available
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Von Willebrand factor - antigen - plasma — WILAG *

2 mL Citrated Plasma ° FROZEN

1 day ° Immunological turbidimetric method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
Plasma with platelets removed by double centrifugation: 2500 g 15 min
Send us the ABO blood group result. For desmopressin testing (Octim®, Minirin®) please indicate the time period for each tube (T0, T+1hr etc.)
Could you please provide the us the PFA-100 result, if available
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

West Nile virus - IgG/IgM serology - serum — WNV

1 mL serum (do not use 10 mL tube) ° Refrigerated

8 days ° Chemiluminescence

Enclose the specific clinical information form (R28-INTGB : Dengue-Chikungunya-West Nile-Zika)

West Nile virus - direct diagnosis - PCR — WNVBM

1 mL Plasma (EDTA), serum, urine, CSF ° Refrigerated

3 days ° RT - PCR in real time

Always enclose the specific clinical information form (R28-INTGB : Dengue and/or Chikungunya and/or West Nile and/or Zika PCR)
The use of the purple S14UK transport bag is MANDATORY

Anti-Xa activity : low molecular weight heparin - LMWH - plasma — XA *

1 mL Citrated Plasma ° FROZEN

1 day ° Chromogenic method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
Freeze the sample within one hour. Home collection is not recommended.
ALWAYS specify the current anticoagulant treatment (dosage) and the injection and sampling times
Sample 3 to 4 hours after subcutaneous injection of Lovenox®, Fragmine®, Fraxiparine® , Clivarine® or 4 to 6 hours after subcutaneous injection of Innohep® or Fraxodi®
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Panel : Extensive Auto Abs Screen — XAUT2 *

2 x 1.5 mL Serum ° Refrigerated

1 week °

Fragile X - syndrome — XFRA

5 mL Whole blood EDTA (only), do not use tubes containing beads. ° Ambient temperature

9 days PCR - 15 days for confirmation by Amplidex PCR ° PCR - PCR Amplidex (confirmation)

In accordance with regulatory requirements, all requests must be accompanied by the consultation certificate, the patient¿s informed consent, and the medical prescription.
Sample must be refrigerated if transport is > 48 hours
Enclose the specific B12-INTGB request form: Molecular Genetics
Attach the clinical data

Fragile X - syndrome — XFRAP

Fresh or cultured amniotic fluid, fresh or cultured trophoblast ° Ambient temperature

9 days PCR - 15 days for confirmation by Amplidex PCR ° PCR - PCR Amplidex (confirmation)

5 ml of whole blood on EDTA from each parent (quotation on request) is required to perform this test
Enclose the specific B12-INTGB request form: Molecular Genetics
ALWAYS attach the medical prescription, the clinical patient's history and the consent form signed by both the patient and the prescribing clinical

Xylenes - urine — XYLU *

10 mL urine sample ° Refrigerated

25 days ° Gas Phase Chromatography / Mass Spectrometry (GC-MS)

Glass container with PTFE stopper, supplied upon request

T18 : Glass flask, PFTE lid for organic solvents detection - urine

Anti-neuron antibodies - serum — YOHU

1 mL serum (do not use 10 mL tube) ° Refrigerated

3 days ° Immunodot

Anti-YOP antibodies - IgG - serum — YOPAC

1 mL serum (do not use 10 mL tube) ° Refrigerated

2 weeks ° Western-Blot

Anti-neuron antibodies - CSF — YOPL

1 mL CSF ° Refrigerated

3 days ° Immunodot

Anti-ZC4 antibodies - serum — ZIC4

1 mL serum (do not use 10 mL tube) ° Refrigerated

3 days ° Immunodot

Anti-ZC4 antibodies - CSF — ZIC4L

1 mL CSF ° Refrigerated

3 days ° Immunodot

Zika - direct diagnosis - PCR — ZIKBM

1 mL Plasma (EDTA), serum, urine, semen ° Refrigerated

3 days ° Real-time PCR

Enclose the specific clinical information form (R28-INTGB : Dengue-Chikungunya-West Nile-Zika)
The use of the purple S14UK transport bag is MANDATORY
.

Zika - direct diagnosis - PCR - amniotic fluid — ZIKLA

8 mL amniotic fluid ° Refrigerated

3 days ° Real-time PCR

Must include the request form (B3)
Attach the patient's informed consent (D44 consent_Post-Prenatal)
The use of the purple S14UK transport bag is MANDATORY

Zinc — ZN

2 mL Sodium heparin plasma ((do not use tubes with separator gel) ° Refrigerated

4 days ° ICP/MS

Centrifuge the sample and decant rapidly
Not to to be performed on haemolysed sample
Spin down and immediately decant plasma from cells.
Immediately decant the plasma.(maximum 1 hour)

T4 : Sodium Heparin tube

Zinc - seminal plasma — ZNSP

1 mL Seminal plasma on fluoridated tube ° FROZEN

15 days ° ICP/MS

Sample must be taken after 2-8 days of abstinence.
Always indicate the ejaculate volume, the pH, sperms count and abstinence period.
Sample preparation: centrifuge the tube at 1000 g for 10 min, collect the supernatant (minimum 0.5 mL) in an empty tube (plastic or glass).
Freeze the specimen within one hour of the issue time

Anti ZNT8 antibodies - serum — ZNT8

1 x 1 mL serum (do not use 10 mL tube) ° Refrigerated

7 days ° Enzyme-immunoassay

Zinc - urines — ZNU *

20 mL End of shift urine ° Refrigerated

15 days ° ICP/MS

Zonisamide - Serum — ZONI *

1 mL Serum (do not use tubes with separator gel) ° FROZEN

2 weeks ° HPLC - High Performance Liquid Chromatography

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.

Zonulin - Stool — ZONUL *

20 g (volume de selles équivalent à une pêche) Stool specimen ° Refrigerated

8 days ° ELISA

Sample

Zuclopenthixol - Serum — ZUCLO *

2 mL Serum (do not use tubes with separator gel) ° FROZEN

2 weeks ° Liquid chromatography / Tandem mass spectrometry (LC-TMS/MS)

Attach the specific clinical information sheet (R13-INTGB : Medication quantification)
One specific aliquot is required for this analysis.

Zygosity - twinning study — ZYGO

Fresh amniotic fluid or cultivated, CVS ° Ambient temperature

3 weeks ° Microsatellites Study by PCR

ALWAYS attach the medical prescription, the clinical patient's history and the consent form signed by both the patient and the prescribing clinical

Allergy

ALEX	Specific IgE : ALEX - serum
CP	Specific IgE : Phadia - inhalant allergens - single allergen
CPH	Specific IgE inhalant allergens - single allergen - GSD Gold Standard Diagnostic - serum, plasma
CT	Specific IgE : Phadia - food allergens - single allergen
CTH	Specific IgE food allergens - single allergen - GSD Gold Standard Diagnostic - serum, plasma
DAO	Diamine oxydase (DAO) - activity - serum
ECP	ECP - Eosinophil Cationic Protein
FERM	Farmer's lung disease - screening - serum
FERMC	Farmer's lung - confirmation - serum
HISTP	Histamine
IGE	Total IgE - serum
IGEMH	Specific IgE medicines - single allergen - GSD Gold Standard Diagnostic - serum, plasma
IGEMP	Specific IgE medicines - single allergen-Phadia
IGESL	Specific IgE : latex - single allergen
IGESM	Specific IgE medicines - single allergen-Phadia
IGESV	Specific IgE : hymenoptera venom - single allergen
MA	Specific IgE : food allergens - allergen mix - serum
MM	IgE against multiple individual allergens - Food and Inhalant panels - Serum
MP	IgE against multiple individual allergens - inhalant allergens - Serum
MR	Specific IgE : inhalant allergens - allergen mix
MT	IgE against multiple individual allergens - food allergens - Serum
OIS	Pigeon breeder's lung disease - screening - serum
OISC	Bird-breeder's lung - confirmation - serum
PANAA	Adult food allergy panel - specific IgE
PANAB	B-Lactamine Antibiotic Allergy Panel - specific IgE
PANAE	Child food allergy panel - specific IgE
PANAP	Professional allergens panel - specific IgE
PANCE	Cereals Panel - specific IgE
PANEN	Allergy profile Northern Europe - specific IgE
PANES	Allergy profile Southern Europe - specific IgE
PANFC	Nuts panel - specific IgE
PANFE	Exotic fruits and latex panel - specific IgE
PANIN	Venom and insect allergy panel - specific IgE
PANLA	Cow's milk and protein panel - specific IgE
PANLT	Profile (cross reaction LTP) - Ige spécifiques
PANME	NSAID and paracetamol allergy panel - specific IgE
PANMO	Middle East allergy profile - specific IgE
PANOE	Egg panel - specific IgE
PANPM	Seafood product panel - specific IgE
PANPO	House dust panel - specific IgE
PANPR	Profile (cross reaction PR10) - specific IgE
PANRA	Adult respiratory allergy panel - Ige spécifiques
PANRE	Child respiratory allergy panel - specific IgE
PDEP	Serology diagnosis Alveolitis Allergic Extrinsic - screening - serum
PHA	Specific IgE : inhalant allergen testing - Phadiatop®
PHABB	Specific IgE - Respiratory and food allergen screen -Phadiatop® infant
POBO	Serodiagnosis of baker lung (Alveolitis Allergic Extrinsic) - screening - serum
POCH	Serodiagnosis of Mushroom worker's lung (Alveolitis Allergic Extrinsic) - screening - serum
PODO	Serodiagnosis of Domestic lung (Alveolitis Allergic Extrinsic) - screening - serum
POFR	Serodiagnosis of cheesemonger lung Alveolitis Allergic Extrinsic) - screening - serum
PROEC	Eczema profile - specific IgE
PRORH	Allergic rhinitis profile - specific IgE
RG41	SPECIFIC IgG4 - serum
RGG1	SPECIFIC IgG - serum
TROA	Specific IgE : food allergen testing - Trophatop® adult - fx5/fx24/fx25
TROE	Specific IgE : food allergen testing - Trophatop® children - fx26/fx27/fx28
TRYPT	Tryptase - serum

Analytical Chemistry

125D	Vitamin D - 1,25-dihydroxyvitamin D - serum
3HBPY	3-Hydroxybenzo[a]pyrene - benzo[a]pyrene metabolite - urine
5FUU	Uracile - dosage(search a risk of toxicity to fluoropyrimidines)
5MTHX	5-Methyltetrahydrofolate (MTHF) - CSF
5PYRO	5-Hydroxy-N-methylpyrrolidone - urine
AAS	Amino acids - chromatography
AAU	Amino acids - chromatography - urine

Analytical Chemistry

ABACA	Abacavir - plasma
ABIOX	Biogenic amines - CSF
ACBCH	Bile acids - chromatography - serum
ACETU	Acetone - occupattional health - urines
ACTPM	TPMT Activity or Thiopurine S-Methyltransferase Phenotyping - activity
ACYBX	Acylcarnitine - . - blotting paper
ACYLC	Acylcarnitine - profile - plasma
ACYLU	Acylcarnitine - profile - urine
AH	Hippuric acid - urine
ALAU	delta-Aminolevulinic acid - urine
ALCOL	Ethyl alcohol - serum
ALU	Aluminium
ALUU	Aluminium - urines
AMI	Amikacin - Serum
AMIO	Amiodarone + metabolite - Serum
AMISU	Amisulpride - Serum
AMIT	Amitriptyline - Serum
AMOX	Amoxicillin - Serum
AMPHD	Amphetamines - gastric juice
AMPHS	Amphetamines - dosage - plasma
AMPHU	Amphetamines - dosage - urines
ANTU	Antidepressants - screening - identification - dosage - urine
APHYX	Phytanic acid - plasma
APRIS	Pristanic Acid - plasma
APYR	Pyruvic acid - Supernatant or CSF
ARIPI	Aripiprazole
ASPL	Arsenic - Plasma
AVLO	Propranolol - Serum
B12	Vitamin B12 - serum
BARBU	Barbiturates - Urine (urination)
BCARO	Beta-carotene
BENIU	Benzodiazepines - identification - urine
BENZC	Benzodiazepines - screening and identification
BENZE	Benzene - EDTA whole blood or Heparin
BENZS	Benzodiazepines - screening and identification - Serum
BENZU	Benzodiazepines - screening without identification - Urine (urination)
BICTE	Bictegravir - Serum
BIPE	Biperiden - serum
BISM	Bismuth - EDTA whole blood
BISO	Bisoprolol - serum
BISP	Bisphenols - urines - Bisphenols
BORES	Boron - plasma
BRIVA	Brivaracetam - Serum
BTXU	Butoxyacetic acid - urine
BUPS	Buprenorphine - Serum
BUPU	Buprenorphine and metabolites - urine
BZU	Benzene
CABOT	CABOTEGRAVIR - Serum
CAL	Urinary stone - morphologic and infrared analysis
CALD	Gallstones/Saliva/Other - morphologic and infrared analysis
CALHN	Calprotectin faecal - Stool
CALP	Calprotectin faecal - Stool
CANCH	Cannabis
CANS	Cannabinoïdes - dosage - plasma
CANU	Cannabinoïdes - dosage - urines
CARB	Carbamazepine - Serum
CARNU	Carnitine free and total - urines
CARTL	Carnitine free and total - plasma
CATEN	Free catécholamines - children - Urine
CATF	Free catécholamines
CATU	Catecholamines - free - Urine
CD	Cadmium - Whole blood
CDGX	CDG Syndrome - screening - serum
CDHN	Cadmium - Whole blood
CDU	Cadmium - Urine
CDUHN	Cadmium - Urine
CEFA	Cefazolin - Serum
CEFEP	Cefepime - Serum

Analytical Chemistry

CEFO	Cefotaxime - Serum
CEFTA	Ceftazidime - Serum
CEFTL	Ceftriaxone - CSF
CEFTR	Ceftriaxone - Serum
CELIP	Celiprolol - serum
CERE	Cereulide toxin - stool
CETO	Ketone bodies - Deproteinized heparin whole blood sample or CSF
CHITO	Chitotriosidase - activity
CHOST	Cholestanol - plasma
CICLO	Cyclosporin
CIPRO	Ciprofloxacin - Serum
CIT	Citric acid - serum
CITA	Citalopram - serum
CITRP	Citrulline
CITSP	Citric acid - seminal plasma
CITU	Citric acid - urine
CLEAU	Water - free - clearance
CLIND	Clindamycin - Serum
CLNX	Lipofuscinosis Neuronal Ceroide enzymatic deficiency - EDTA whole blood
CLOB	Clobazam - Serum
CLOMI	Clomipramine - Serum
CLON	Clonazepam - Serum
CLORA	Clorazepate - Serum
CLOXA	Cloxacillin - Serum
CLOZA	Clozapine
COCS	Cocaine - dosage - plasma
COCU	Cocaine - dosage - urines
COLIS	Colistin - Serum
COST	Cobalt - Whole blood
COTI	Cotinine - Urine (urination)
COU	Cobalt - Urine
CRESO	o-Cresol - urine
CRETO	Creatorrhoea - faecal nitrogen dosage - Stool
CRST	Chromium
CRU	Chromium - Urine
CU	Copper
CUEC	Copper - exchangeable / free
CUU	Copper - urine
CYAN	Thiocyanates - ion - urine
CYANP	Thiocyanates - ion - Serum
CYSER	Cycloserine - Serum
CYSTU	Cystine - urine
DAIKP	Analyse de Médecine du Travail DAIKIN - PFAS - Serum
DARU	Darunavir - Serum
DIAZ	Diazepam + desmethyldiazepam - Serum
DIBE	Dibekacin - Serum
DIGO	Digoxin - Serum
DIPYR	Dipyridamole - Serum
DISO	Disopyramide - serum
DNEX	Full Neonatal screen - . - blotting paper
DOLUT	Dolutegravir - Serum
DORAV	Doravirine - Serum
DOXY	Doxycycline - Serum
DROGS	Drugs - dosage - plasma
DROGU	Drugs - dosage
DULO	Duloxetine - serum
EGLY	Ethylene glycol - Serum
EMTRI	Emtricitabine - plasma
ENTKV	Entecavir - plasma
ESCIT	Escitalopram - Serum
ESTAZ	Estazolam - Serum
ETAIN	Tin
ETAIU	Tin - urines
ETGLU	Ethyl glucuronide
ETHO	Ethosuximide - serum
ETHOU	Ethoxyacetic acid - urine
ETHU	Ethyl alcohol
EVERO	Everolimus

Analytical Chemistry

FECAP	Faecal test -Functional coprology - Stool
FELB	Felbamate - Serum
FK506	Tacrolimus - FK-506
FLECA	Flecainide - Serum
FLUCO	Fluconazole - Serum
FLUIN	Oral anticoagulants : Fluindione - Serum
FLUOX	Fluoxetine - serum
FLUVO	Fluvoxamine - serum
FOSFO	Fosfomycin - Serum
FUROS	Furosemide
FUROU	Furosemide - urine
GAB	Gabapentin - serum
GANCI	Ganciclovir - plasma
GENT	Gentamicine - Serum
GHBS	GHB - Gamma-hydroxybutyric acid - plasma
GHBU	GHB - Gamma-hydroxybutyric acid - urines
GLIBE	Glibenclamide - serum
GLYCI	Glycine - plasma
GLYCU	Gycolic acid - urines
GLYPU	Active glyphosate - screening and dosage - urines
GRALE	Fatty acids with very long chains - C22 to C26 - plasma
GUANI	Guanidinoacetate and creatine - plasma
GUANU	Guanidinoacetate and creatine - urine
HALO	Haloperidol
HAPSU	Metabolites of PAH (Polycyclic Aromatic Hydrocarbons) - urine
HCHLO	Hydroxychloroquine - EDTA whole blood
HGST	Mercury
HGU	Mercury - Urine
HIA	5-HIAA - 5-hydroxyindoleacetic acid - Urine
HOMO	Homogentisic acid
HOPY	1-Hydroxypyrene - urine
HQUIN	Hydroquinidine - Serum
HVA	Homovanillic acid - Urine
HYALP	Hyaluronic acid - pleural fluid
HYALS	Hyaluronic acid - serum
IBU	Ibuprofen - Serum
ILEU	Isoleucine - plasma
IMAT	Imatinib
INH	INH - Isoniazid - Serum
IOD	Iodine total - serum
IODU	Iodine - urine
ISAV	Isavuconazole - Serum
ITRA	Itraconazole and hydroxylated metabolite - Serum
KEP	Levetiracetam - Serum
KETAS	Ketamine - Serum
KETAU	Ketamine - urines
KETO	Ketoconazole - Serum
LACLC	Lactic acid - CSF
LACT	Lactic acid
LAMIV	Lamivudine - plasma
LAMO	Lamotrigine - Serum
LCAR	L-carnitine - seminal plasma
LEVOX	Levofloxacin - Serum
LI	Lithium - Serum
LOFLA	Ethyl loflazepate - serum
LOPRA	Loprazolam - Serum
LOXAP	Loxapine - Serum
LSDC	LSD - Lysergic acid diethylamide - Urine
LSDD	LSD - Lysergic acid diethylamide - biological fluid
LSDS	LSD - Lysergic acid diethylamide
MAH	Methylhippuric acid - urine
MALON	Methylmalonic acid
MALOU	Methylmalonic acid - urines
MAND	Mandelic acid - urine
MASU	Arsenic - inorganic an metabolites derivatives - urine
METFD	Metformin - biological fluid
METFE	Erythrocyte metformin - whole blood
METFO	Metformin

Analytical Chemistry

METH	Methyl alcohol - Serum
METHI	Methionine
METHO	Methotrexate
METHU	Methyl alcohol - urine
METS	Methoxylated derivatives of catecholamines - Free metanephrines
MEVAL	Mevalonic acid - urine
MIAN	Mianserin - Serum
MICRS	Microscopy examination direct - Stool
MILNA	Milnacipran - Serum
MINO	Minocycline - Serum
MIRTA	Mirtazapine - serum
MITH	Mitotane - plasma
MN	Manganese - Serum
MNST	Manganese - Sang total
MNU	Manganese - urine
MOCL	Moclobemide - Serum
MOLYP	Molybdenum - Plasma
MPHEN	Mycophenolate - plasma
MPSU	Mucopolysaccharides - urines
MQUOU	Methaqualone - urine
MTAEN	Methoxylated derivatives of catecholamines - Free metanephrines - child - Urine
MTANU	Methoxylated derivatives of catecholamines - Free metanephrines - Urine
MTD	Methadone - screening - Urine (urination)
MTDS	Methadone and EDDP - Serum
MTPRO	Metoprolol - Serum
MUCOU	Trans-muconic acid - ttMA - urine
NAPHT	Naphtols (alpha and beta) - urine
NARO	Naropeine - Serum
NI	Nickel - Serum
NIU	Nickel - Urine
NMAC	N-Methylacetamide - urine
OLAN	Olanzapine
OLIGU	Oligosaccharides - screening - urine
OPIS	Opiates - dosage - plasma
OPIU	Opiates - dosage - urines
ORGU	Organic acids - quantitative - urine
OXA	Oxalic acid - serum
OXAC	Oxacillin - Serum
OXAU	Oxalic acid - Urine
OXAZ	Oxazepam - Serum
PARAB	Paraben - urines - Paraben
PAROX	Paroxetine - serum
PBST	Lead - whole blood
PBU	Lead - urine
PEFLO	Pefloxacin - Serum
PERAM	Perampanel - Serum - PERAMPANEL
PERIZ	Periciazine - Serum
PESTU	Pesticides - screening and/or dosage - urine
PFAS	Per- and polyfluoroalkyl compounds - 7 compounds panel - Serum
PFASM	Per- and polyfluoroalkyl compounds - extended panel - Serum
PHEAL	Phenylalanine
PHEAU	Phenylalanine - urine
PHEGU	Phenylglyoxylic acid - urine
PHEN	Phencyclidine - screening - Urine (urination)
PHENO	Phenobarbital - Serum
PHENU	Phenol - urine
PHENY	Phenytoin - Serum
PHS	pH - Stool
PHTA	Phtalates - reducted panel - urines - Phtalates - reducted panel
PHTAA	Phtalates - extended panel - urines - Phtalates - extended panel
PHYSP	Physical analysis - Stool
PIPE	Piperacillin - Serum
PIPES	Pipecolic acid - plasma
PIPLX	Pipecolic acid - CSF
PMA	S-Phenylmercapturic acid - urine
POE	Erythrocyte porphyrins
PORFU	Porphobilinogen - urine
POS	Porphyrins - stool

Analytical Chemistry

POSA	Posaconazole - Serum
POU	Porphyrins - Urines
PRAZE	Prazepam - Serum
PREGA	Pregabalin - serum
PROPF	Propafenone - Serum
PROPU	Dextropropoxyphene - urine
Q10	Coenzyme Q10 - CoQ10 - Serum
QUETA	Quetiapine
RALTE	Raltegravir - Serum
RIFA	Rifampicin - Serum
RILPI	Rilpivirine - Serum
RISPE	Risperidone
RITAL	Methylphenidate Hydrochloride - Serum
RITO	Ritonavir - Serum
RUFIN	Rufinamide - Serum
SABRI	Vigabatrin - Serum
SAICA	Adenylosuccinase - deficiency syndrome screening - urine
SCRIB	Toxicological screening - plasma
SCRIU	Toxicological screening - urines
SE	Selenium
SERT	Sertraline - serum
SEU	Selenium - urine
SIALI	Sialic acid free - urines
SILIC	Silicon - Plasma
SIRO	Sirolimus
SOTAL	Sotalol - serum
STEAT	Steatorrhoea - fat dosage - stool
STIRI	Stiripentol - Serum
STRYU	Strychnin - urines
SUCSP	Sugars - screening - Stool
SULFA	Sulfatides - urine
SULS	Sulphonylureas - serum
TCHLS	Tetrachloroethylene - EDTA whole blood or Heparin
TCHLU	Tetrachloroethylene - urine
TEI	Teicoplanine par immunoturbidimétrie (Thermo Scientific) - Serum
TENO	Tenofovir - plasma
TER	Cyamemazine - Serum
TFA	tfrifluoroacetic acid TFA
THALU	Thallium - urine
THEO	Theophylline - Serum
TIAN	Tianeptine
TIPRA	Tipranavir - Serum
TITAN	Titanium
TITAU	Titanium - urine
TOB	Tobramycin - Serum
TOLS	Toluene - EDTA whole blood or Heparin
TOLU	Toluene - urine
TOPIR	Topiramate - serum
TRAMA	Tramadol - Serum
TRIAZ	Triazolam - serum
TRICU	Trichloroacetic acid + Trichloroethanol - TCE + TCA - urine
TRICY	Antidepressants screening- identification - without dosage
TRILE	10-Hydroxy-carbazepine - serum
TROPA	Lepticur - Serum
TRYPO	Tryptophan
TYRBU	Tyrosinemia type I - succinylacetone - blotting paper
TYROS	Tyrosine
TYROU	Tyrosine - urine
VA	Vitamin A - Retinol - Plasma
VALAC	Valaciclovir - Plasma
VALP	Valproic acid - Serum
VANC	Vancomycin - Serum
VB1ST	Vitamin B1 - Thiamin
VB2	Vitamin B2 - Riboflavin
VB6ST	Vitamin B6 - Pyridoxal phosphate
VB8	Vitamin B8 or H - Biotin
VE	Vitamin E - Tocopherol - Plasma
VENLA	Venlafaxine - serum

Analytical Chemistry

VIMPA	Lacosamide - Vimpat - serum
VK	Vitamin K1 - Phylloquinone
VMA	Vanilmandelic acid - Urine
VORI	Voriconazole - Serum
VORTI	Vortioxétine - Serum
XYLU	Xylenes - urine
ZN	Zinc
ZNSP	Zinc - seminal plasma
ZNU	Zinc - urines
ZONI	Zonisamide - Serum
ZUCLO	Zuclopenthixol - Serum

Biochemistry

100PL	Protein S100 - CSF
17OH2	17-Hydroxyprogesterone
17OH3	17-Hydroxyprogesterone
17OH4	17-Hydroxyprogesterone
17OH5	17-Hydroxyprogesterone
17OH6	17-Hydroxyprogesterone
17OHP	17-Hydroxyprogesterone
17PRE	17-Hydroxy-Pregnenolone - serum
21DF	21-Deoxycortisol - (Tubes without separating gel)
21OHA	Anti-21-hydroxylase antibodies - serum
2ALDO	Aldosterone
3ALDO	Aldosterone
4ALDO	Aldosterone
5NUC	5'-Nucleotidase - activity - serum
7DCHO	7-Dehydrocholesterol
A1TRS	Alpha-1 Antitrypsin - Stool
A2PLA	Alpha-2 Antiplasmin - activity - plasma
ACBI	Bile acids - serum
ACTH	ACTH - Corticotrophin
ACTH2	ACTH - Corticotrophin
ACTH3	ACTH - Corticotrophin
ACTH4	ACTH - Corticotrophin
ACTH5	ACTH - Corticotrophin
ACTH6	ACTH - Corticotrophin
ACTH7	ACTH - Corticotrophin 7 time
ACTH8	ACTH - Corticotrophin 8 time
ACTH9	ACTH - Corticotrophin 9 time
ACTHM	ACTH - Corticotrophin - morning
ACTHS	ACTH - Corticotrophin - evening
ADAD	Adenosine Deaminase - ADA
ADH	ADH - Antidiuretic hormone
ADH02	ADH - Antidiuretic hormone
ADH03	ADH - Antidiuretic hormone
ADH04	ADH - Antidiuretic hormone
ADHU	ADH - Antidiuretic hormone - urine
ADIPO	Adiponectin - serum
ADOLA	Aldolase - serum
AFP	AFP - Alpha fetoprotein - serum
AFPD	AFP - Alpha fetoprotein - fluid
ALB	Albumin - serum
ALBD	Albumin - aspiration biopsy
ALBPL	Albumin - CSF
ALDO	Aldosterone
ALDOC	Aldosterone - Lying down
ALDOD	Aldosterone - Standing or Sitting position
ALDOU	Aldosterone - urine
ALFA1	Alpha-1 Antitrypsin - dosage - Serum
ALFA2	Alpha-2 Macroglobulin - serum
ALFMU	Alpha-1 Microglobulin - Urine (urination)
ALPHA	Alpha subunit - hCG, FSH, LH, TSH - serum
AMH	AMH - Anti-Müllerian hormone
AMHE	AMH - Anti-Müllerian hormone - Child
AMMO	Ammonaemia - plasma
AMY	Amylase - serum
AMYD	Amylase - aspiration biopsy

Biochemistry

AMYU	Amylase - urine
ANGIO	Angiotensin II - plasma
APOA	Apolipoprotein A1 - serum
APOB	Apolipoprotein B - serum
APOC3	Apolipoprotein C3 - serum
APOEX	Apolipoprotein E - methylated gene-transmitted - EDTA whole blood
B2M	Beta-2 microglobulin - serum
B2MLC	Beta-2 microglobulin - CSF
B2MU	Beta-2 microglobulin - urine
BDEF2	Beta defensine 2 - Stool
BHCG	hCG - free beta chain - subunit - serum
BHCGD	hCG - free beta chain - subunit - various specimen
BILI	Bilirubin - total - free - combined - serum
BILIT	Bilirubin total - serum
BIOSP	Semen biochemistry - seminal plasma
BIOTI	Biotinidase - serum
BJ	Bence Jones - screening
BNP	BNP - Brain Natriuretic Peptide - Plasma
C125D	CA 125 antigen - aspiration biopsy
C153D	CA 15-3 antigen - aspiration biopsy
C199D	CA 19-9 antigen - aspiration biopsy
C724D	CA 72-4 antigen - aspiration biopsy
CA125	CA 125 antigen - serum
CA153	CA 15-3 antigen - serum
CA199	CA 19-9 antigen - serum
CA50	CA 50 antigen - serum
CA724	CA 72-4 antigen - serum
CAIO	Ionised calcium
CALCD	Calcitonin - aspiration biopsy
CALCI	Calcitonin - Serum
CALPS	Serum calprotectin - Serum
CAR	CAR - index - saliva
CBG	CBG - Cortisol-Binding Globulin - Transcortin - serum
CDT	Carbohydrate-deficient transferrin - serum
CDTC	Carbohydrate-deficient transferrin - nephelimetry - serum
CEA	CEA - Carcinoembryonic antigen - serum
CEAD	CEA - Carcinoembryonic antigen - aspiration biopsy
CER	Ceruloplasmin - Serum
CHOLI	Cholinesterase - Serum
CHRA	Chromogranin A - Serum
CK	CPK - Creatine phosphokinase total - serum
CKMB	CPK - Creatine phosphokinase MB - serum
CLALF	Alpha-1 Antitrypsin - clearance
CLCRE	Creatinine - clearance
COMP2	11-Desoxycortisol - Compound S -
COMP3	11-Desoxycortisol - Compound S -
COMPS	11-Desoxycortisol - Compound S - - (Tubes without separating gel)
COR	Cortisol - Compound F - serum
COR2	Cortisol - Compound F
COR3	Cortisol - Compound F
COR4	Cortisol - Compound F
COR5	Cortisol - Compound F
COR6	Cortisol - Compound F
CORA2	Cortisol - Compound F - Saliva
CORA3	Cortisol - Compound F - Saliva
CORA4	Cortisol - Compound F - Saliva
CORS	Cortisol - Compound F - evening - Serum
CORSA	Cortisol - Compound F - saliva
CORSM	Cortisol - Compound F - morning - saliva
CORSS	Cortisol - Compound F - evening - saliva
CORTI	Cortisone - Compound E - plasma
CORTU	Cortisone - Compound E - urines
COS	Corticosterone - Compound B
COSAT	Iron - saturation percentage - serum
CPEP	C-peptide - serum
CPEPU	C-peptide - Urines
CROSS	CrossLaps - Serum
CROSU	CrossLaps - urines

Biochemistry

CRP	CRP - C-reactive protein - serum
CRPUS	CRP - C-reactive protein - ultrasensitive - serum
CRU24	Creatinine With 24 hours urine volume - urine
CTST	Iron - total binding capacity - serum
CUSH	Cushing syndrome panel - Cushing syndrome screening
CYF	Cyfra 21-1 antigen - serum
CYFD	Cyfra 21-1 antigen - aspiration biopsy
CYS	Cystatin C - serum
D4	D4A - Delta-4-Androstenedione - serum
D42	D4A - Delta-4-Androstenedione
D43	D4A - Delta-4-Androstenedione
D44	D4A - Delta-4-Androstenedione
DENSU	Density - urine
DH2T	DHT - Dihydrotestosterone
DH3T	DHT - Dihydrotestosterone
DHA	DHEA - Dehydroepiandrosterone
DHA4T	DHEA - Dehydroepiandrosterone
DHT	DHT - Dihydrotestosterone - serum
DOC	11-Deoxycorticosterone
DOC2	11-Deoxycorticosterone
DOC3	11-Deoxycorticosterone
E1CH	Oestrone - serum
E2EH	Oestradiol - man/child - serum
E2EH2	Oestradiol man/child - 2 time
E2EH3	Oestradiol man/child - 3 time
E2EH4	Oestradiol man/child - 4 time
E2F	Oestradiol - woman - serum
ECA	ACE - Angiotensin Converting Enzyme - Serum
ECAD	ACE - Angiotensin Converting Enzyme - BAL
ECAPL	ACE - Angiotensin Converting Enzyme
EIF	Protein electrophoresis and Immunobinding - serum
ELASS	Elastase - Stool
EPLCR	Isoelectric focusing - CSF + serum
EPPRO	Protein electrophoresis - serum
EPROU	Protein electrophoresis
ERBB2	HER2 - Human Epidermal growth factor Receptor 2 - c-erbB-2 protein - serum
ERY	Erythropoietin - serum
FBRON	Fibronectin
FE	Iron - serum
FGF23	FGF23 - Fibroblast Growth Factor 23 - Plasma
FIACT	Fibrotest - Actitest - . - serum
FIB3	FibroMeter
FIBRO	Fibrotest - . - serum
FIMAX	FibroMAX - . - serum
FLU	Free cortisol - Compound F - urine
FRUC	Fructosamine - serum
FRUSP	Fructose - seminal plasma
FSH	FSH - Follicle-stimulating hormone - serum
FSH2T	FSH - Follicle-stimulating hormone
FSH3T	FSH - Follicle-stimulating hormone
FSH4T	FSH - Follicle-stimulating hormone
FSH5T	FSH - Follicle-stimulating hormone
FSH6T	FSH - Follicle-stimulating hormone
FSH7T	FSH - Follicle-stimulating hormone 7 time
FSH8T	FSH - Follicle-stimulating hormone 8 time
FSH9T	FSH - Follicle-stimulating hormone 9 time
FSHU	FSH - Follicle-stimulating hormone - urines
FT	Ferritin - serum
FT3	Free T3 - Free triiodothyronine - serum
FT4	Free T4 - Free thyroxine - serum
FTGLY	Ferritin glycosylated
FVCTE	Fibrometer VCTE (with FibroScan)
G6PC	Glucose 6-phosphatase (GSD Ia)
G6PD	G6PD - Glucose-6- phosphate dehydrogenase
G6SD	Glucose 6-phosphate translocase (GSD Ib/c)
GADIO	3-Alpha-Androstanediol Glucuronide - serum
GALT	Galactose-1-Phosphate Uridyl transferase - EDTA whole blood
GAST	Gastrin - serum

Biochemistry

GAST2	Gastrin
GAST3	Gastrin
GAST4	Gastrin
GAST5	Gastrin
GAST6	Gastrin
GAST7	Gastrin 7 time
GH	GH - Growth hormone - Serum
GH10T	GH - Growth hormone 10 time
GH11T	GH - Growth hormone 11 time
GH2T	GH - Growth hormone
GH3T	GH - Growth hormone
GH4T	GH - Growth hormone
GH5T	GH - Growth hormone
GH6T	GH - Growth hormone
GH7T	GH - Growth hormone 7 time
GH8T	GH - Growth hormone 8 time
GH9T	GH - Growth hormone 9 time
GHREL	Ghrelin - acylated and non acylated - plasma
GHRH	GHRH - Growth-Hormone-Releasing-Hormone - plasma
GLUC	Glucagon - plasma
GLUPS	Glutathione peroxidase - plasma
GLY2	Glucose
GLY3	Glucose
GLY4	Glucose
GLY5	Glucose
GLY6	Glucose
GLY7	Glucose 7 time
GLYCG	Glycogen
GLYD	Glucose - biological fluid
GRAS	Fatty acids free non-esterified - serum
GSD4	Branching enzyme (GSD IV) - EDTA whole blood
GYS12	Glycogen - synthase (GSD 0)
HAP	Haptoglobin - serum
HCGD	hcG dimeric molecule (alpha + beta) - biological fluid
HCGT	Total HCG (HCG dimer + beta fraction) - serum
HDL	HDL cholesterol - serum
HE4	HE4- ROMA calculation - serum
HEMOP	Haemopexin - serum
HIRSU	Steroids panel - Exploration of hirsutism
HOMA	HOMA + QUICKI - index - serum
ICK	CPK - Creatine phosphokinase - isoenzymes - serum
IFS	Immunobinding - serum
IGAS	IgA - Immunoglobulin A secretory - Stool
IGF2	IGF-2 - serum
IGFBP	IGFBP-3 - Insulin-like Growth Factor Binding protein-3 - serum
ILDH	LDH - Lactate dehydrogenase - isoenzymes
INHIA	Inhibin A - ultrasensitive - serum
INHIB	Inhibin B - woman
INHIE	Inhibin B - Child - serum
INHIM	Inhibin B - man
INIBE	Inhibin A - serum
INS	Insulin - serum
INS10	Insulin 10 time
INS11	Insulin 11 time
INS12	Insulin 12 time
INS13	Insulin 13 time
INS2	Insulin
INS9	Insulin 9 time
IONSP	Electrolytes stool - Stool
IPAL	Alkaline phosphatases - isoenzymes - serum
KAPPI	Index Kappa - CSF + serum
LDH	LDH - Lactate dehydrogenase - serum
LDHD	LDH - Lactate dehydrogenase
LDL	Direct LDL cholesterol - serum
LEP	Leptin - serum
LGB3	Lyso-Gb3
LH	LH - Luteinising hormone - serum
LH2T	LH - Luteinising hormone

Biochemistry

LH3T	LH - Luteinising hormone
LH4T	LH - Luteinising hormone
LH5T	LH - Luteinising hormone
LH6T	LH - Luteinising hormone
LHU	LH - Luteinising hormone - urines
LIPA	Lipase - serum
LIPAD	Lipase - aspiration biopsy
LIPAU	Lipase - urine
LPA	Lipoprotein Lp(a) - serum
LPPLA	Lipoprotein Lp-PLA2 - serum
LYSO	Lysozyme - serum
MALB	Microalbumin - urine
MALDI	Monoclonal components - serum
MELAU	Melatonin - Urine
MELT1	Melatonin - 24-hour urine collection
MG	Magnesium - serum
MGU	Magnesium - urines
MYOG	Myoglobin - serum
MYOGU	Myoglobin - urine
NASHT	NASH-FibroTest - serum
NEOP	Neopterin - plasma
NEOPL	Neopterin - LCR
NFLCL	NFL - Neurofilaments
NSE	NSE - Neuron-Specific Enolase - serum
NSED	NSE - Neuron-Specific Enolase - biological fluid
NTX	NTx - N-telopeptides of type I collagen - urines
ORO	Orosomucoid - serum
OSM	Osmolarity - serum
OSMU	Osmolarity - urines
OSTEO	Osteocalcin - Serum
OX	Carbon monoxide
P	Phosphorus - serum
P1NP	P1NP - Intact N-Terminal Propeptide of Type I Procollagen - serum
P3P	Type III procollagen - serum
PAL	Alkaline phosphatases - serum
PALD	Alkaline phosphatases - fluid
PALO	Alkaline phosphatases bone - serum
PAOXS	Antioxidant activity - plasma
PAT	Acid phosphatases total - serum
PCT	Procalcitonin
PELAS	Anti-elastase activity - serum
PG	Progesterone - serum
PG2	Progesterone
PG3	Progesterone
PHISO	Phosphoglucoisomerase
PHKA	Phosphorylase kinase (GSD VIa, XIII, IX, X)
PHMUT	Phosphoglucomutase
PHOST	Phosphatidylethanol - Buvard ou sang total
PIN10	Proinsulin 10 time
PIN11	Proinsulin 11 time
PIN12	Proinsulin 12 time
PIN13	Proinsulin 13 time
PINS1	Proinsulin 1 time - 1 mL T0
PINS2	Proinsulin
PINS3	Proinsulin
PINS4	Proinsulin
PINS5	Proinsulin
PINS6	Proinsulin
PINS7	Proinsulin 7 time
PINS8	Proinsulin 8 time
PINS9	Proinsulin 9 time
PKE	Erythrocyte pyruvate kinase
PPA	Pancreatic polypeptide - Serum
PPHEM	Haemolysis protein profile - serum
PPIMM	Immunity protein profile without electrophoresis - serum
PPINF	Inflammatory protein profile - serum
PPN	Nutritional protein profile - serum
PPO	Protein profile for screening without electrophoresis - serum

Biochemistry

PRBNP	NT-proBNP - N-Terminal Pro-Brain Natriuretic Peptide - serum
PRE2T	Pregnenolone
PRE3T	Pregnenolone
PREAL	Prealbumin - serum
PREG	Pregnenolone - serum
PRGRP	Pro-gastrin-releasing-peptide (ProGRP)
PRINS	Proinsulin - serum
PRLCH	Prolactin - molecular forms - serum
PROL	Prolactin - serum
PROL2	Prolactin
PROL3	Prolactin
PROL4	Prolactin
PROL5	Prolactin
PROL6	Prolactin
PROL7	Prolactin 7 time
PROL8	Prolactin 8 time
PROL9	Prolactin 9 time
PROT	Proteins - dosage - serum
PROTD	Proteins - biological fluid
PRPSA	[-2]pro-PSA - Phi score calculation - serum
PRU24	Proteins - dosage - urine
PS100	Protein S100 - serum
PSA	PSA - Prostate-specific antigen total - serum
PSAD	PSA - Prostate-specific antigen total - Aspiration biopsy
PSALI	PSA - Prostate-specific antigen free - serum
PT217	TAU 217 protein
PTAU	TAU - PTAU - Amyloid proteins - LCR
PTH	PTH - Intact parathormone - serum
PTHD	PTH - Intact parathormone - aspiration biopsy
PTHRP	PTH-RP - Parathormone related protein - plasma
PU24	Phosphorus - urine
PYGLM	Phosphorylases (GSD V and VI)
RBP	Retinol-Binding Protein - RBP
REN	Renin active
REN2	Renin
REN3	Renin
REN4	Renin
RENC	Renin Active - lying
REND	Renin - Standing or Sitting position
RSTR	Soluble transferrin receptor - serum
SCC	SCC-TA4 antigen - serum
SCCD	SCC-TA4 antigen - aspiration biopsy
SDHA	DHEAS - Dehydroepiandrosterone sulfate
SEROT	Serotonin - whole blood
SGP	Haemoglobin - screening - Stool
SIDER	Transferrin - serum
SOD	Superoxide dismutase - SOD
SOMAT	Somatostatin - plasma
SOMC	IGF-1 - Somatomedin C - Serum
SOPK	Steroids panel - Search polycystic ovary syndrome
SPRE	Pregnenolone sulfate - serum
STER1	Steroids panel - Examination of gonad function
STER2	Steroids panel - Testing for a disorder in steroid biosynthesis
STERE	Steroid profile - urine
T3RE	rT3 - Reverse triiodothyronine - Serum
T3TOT	Total T3 - Total triiodothyronine - serum
T3U	T3 - Triiodothyronine - urine
T4TOT	Total T4 - Total thyroxine - serum
T4U	T4 - Thyroxine - urine
TBEF	Testosterone Bioavailable - woman/ child - serum
TBG	Thyroxine-binding globulin - TBG - serum
TBH	Testosterone Bioavailable - Man - serum
TEBG	Sex-Binding Globulin - SHBG
TEF	Testosterone - woman/child - serum
TEF2	Testosterone
TEF3	Testosterone
TEF4	Testosterone
TH	Testosterone - man

Biochemistry

TH2T	Testosterone
TH3T	Testosterone
TH4T	Testosterone
TH5T	Testosterone
THIOL	Thiols - plasma
THYRD	Thyroglobulin - biological fluid
THYRO	Thyroglobulin
TIRBX	Immunoreactive trypsin (Cystic Fibrosis) Guthrie card - blotting paper
TLI	Testosterone free - Serum
TRIG	Triglycerides
TROPI	Troponin C.I HS
TRP	Phosphorus - tubular reabsorption rate
TSH	TSH - Thyroid-stimulating hormone - Third generation - serum
TSH2T	TSH - Thyroid-stimulating hormone
TSH3T	TSH - Thyroid-stimulating hormone
TSH4T	TSH - Thyroid-stimulating hormone
TSH5T	TSH - Thyroid-stimulating hormone
TSH6T	TSH - Thyroid-stimulating hormone
TSHBX	TSH - Thyroid-stimulating hormone - . - blotting paper
URIC	Uric acid - serum
URID	Uric acid - biological fluid
URIU	Uric acid
VIP	VIP - Vasoactive Intestinal Polypeptide - plasma
WBP14	Protein 14.3.3
ZONUL	Zonulin - Stool

Cytogenetics

CLA	Constitutional karyotype - amniotic fluid - prenatal
CSG	Constitutional karyotype - whole blood - postnatal
MOHC3	Chromosome breakage - Fanconi anaemia - breakage screen - whole blood - postnatal

Down Syndrome screening and foetal biochemistry

21T	Trisomy 21 - second-trimester maternal serum markers - 2 parameters
ACOLA	Acetylcholine Esterase - amniotic fluid
AFP21	AFP: Maternal serum marker - 2nd trimester of pregnancy - serum
AFPLA	AFP - Alpha-fetoprotein - amniotic fluid
E21	Trisomy 21 - second-trimester maternal serum markers - 3 parameters
P21	Trisomy 21 - 1st trimester combined screening
PECLA	Pre-eclampsia - risk estimation - serum
TPREE	Pre-eclampsia sFlt-1 et PlGF - Predictive test - sFlt-1/PlGF ratio - serum

Functional Biology

GRASE	Fatty acids of erythrocyte menbrane - chromatography - Total EDTA blood - Fatty free acide

Genetics

A1BM	Alpha-1 Antitrypsine - Testing for S and Z variants of the SERPINA1 gene
ABCB1	ABCB1 gene : Identification of the rs2032583 and rs2235015 variants
ABLR	tyrosine kinase ABL mutation
ABTHX	Beta and alpha Thalassemia - gene study - EDTA whole blood
AMYOX	Spinal Muscular Atrophy - EDTA whole blood
ATHAX	Alpha-Thalassemia - gene study - EDTA whole blood
B27BM	HLA-B27 - genotyping
B5701	Class I HLA - B*5701 allele - EDTA whole blood
BCR	BCR-ABL - gene - qualitative
BCRM	µBCR ABL - whole blood
BCRQ	BCR-ABL - gene - quantitative
BCRX	m-BCR-ABL quantification for MDR evaluation - whole blood
BMLEA	Molecular panel acute leukemia - EDTA whole blood
BRAF	Panel NGS- Leucémie à tricholeucocytes - BRAF/BCOR/KLF2/MAP2K1/NOTCH1/NOTCH2
BRAIN	DNA NGS Panel for brain solid tumors
BRCAN	Séquencage des gènes BRCA1 et BRCA2
CBFBE	CBFBETA -MYH11 mutation inv(16) - EDTA whole blood
CCND1	CCND1 status - EDTA whole blood
CEBPA	LMMC - EDTA whole blood
CHARC	Marie Charcot Tooth Disease - EDTA whole blood
CHOHU	Huntington desease - EDTA whole blood
CHOLA	DNA NGS Panel for cholangiocarcinoma
CKIT	cKIT gene - exons 9, 11, 13, 17

Genetics

CLONB	B-Cell clonality
CLONT	T-cell clonality clonal rearrangement of T gamma (TCRG)
CNX26	Connexin 26 and 30 - Gene GJB2 and GJB6 - whole blood
COLO1	DNA NGS Panel solid tumor Colon
COLO2	DNA NGS Panel solid tumor colo-rectal extended : 22 genes
CUR10	Retinoblastoma oncogenetic panel Target gene: RB1
CYP2X	Congenital adrenal hyperplasia - EDTA whole blood
D4Q12	RT PCR/DNA PCR specific for Microdeletion 4q12 - EDTA whole blood
DELY	Y chromosome - (regions AZFs, AZFb, AZFc)
DREPE	Sickle cell anemia - EDTA whole blood
DTHYR	DNA NGS Panel for thyroid cancer
DUP	Uniparental disomy - UPD
DUPLA	Angelman / Prader-Willi Syndrome - uniparental disomy - mechanism identification - amniotic fluid
DUPO	Angelman / Prader-Willi Syndrome - uniparental disomy - mechanism identification - EDTA whole blood
DUPRE	Uniparental disomy - UPD
EGFRS	Circulating tumor DNA NGS Panel - Peripheral blood from Cell Free DNA tube : ambiant
ENDON	DNA NGS Panel solid tumor Endometrium
EODIG	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM, MLH1, MSH2, MSH6, MUTYH, PMS2, POLD1, POLE, PTEN, SMAD4, STK11
EOETE	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-endocrine, poumon, peau
EONEN	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2, EPAS1, FH, GOT2, LZTR1, MAX, MDH2, MEN1, MERTK, MET, NF1, NF2, RET, SDHA,
EOPAN	Pancreatic oncogenetic panel Target genes : APC, ATM, BRCA1, BRCA2, CDK4, CDKN2A, EPCAM, MEN1, MLH1, MSH2, MSH6, PALB2, PMS2, STK11, TP53, VHL
EOPEA	Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R, MITF, NF1, PTCH1, PTCH2, POT1, TERT, TERF2IP, SUFU
EOPOU	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A, CHEK2, EGFR, ERBB2, MET, NBN, PRKN, RTEL1, STN1, TP53, VHL
EOREI	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B, MET, MITF, PBRM1, PTEN, SDHAF2, SDHB, SDHC, SDHD, SETD2, TMEM127, TSC1,
EOSOP	Panel Hereditary breast ovarian cancer and prostate Gènes ciblés: ATM, BRCA1, BRCA2, CDH1, EPCAM, HOXB13, MLH1, MSH2, MSH6, PALB2, PMS2, PTEN , RAD51C,
EPANC	Exome Panel for chronic and hereditary pancreatitis
EPGX	Pharmacogenetic Passport - PharmacoPass Expert
EXMCC	Exome Congenital heart defects
EXOC	Cardiogenetic panel or exome
EXODI	Exome Isolated or syndromic intellectual disability and syndromic neurodevelopmental disorder
EXOI	Exome sequencing - Male infertility - Screening for mutations involved in male infertility
EXOME	exome
EXONC	Oncogenetic exome
EXONP	Nephrology exome
EXOPN	Prenatal exome
EXSEQ	Exome with interpretation interface
F2M	Factor II - Prothrombin - G20210G>A mutation
F5L	Factor V Leiden - p.Arg506Gln mutation
FIPIL	FIP1L1-PDGFRA analysis (Molecular biology or FISH) - EDTA whole blood
FMF	Familial Mediterranean fever - MEFV gene - new generation sequencing
FRIED	Friedreich ataxia - EDTA whole blood
GILB	Gilbert Syndrome - Screening for UGT1A1*28 (rs8175347) polymorphism
GIST	DNA NGS Panel solid tumor GIST
GRHDX	Rhesus D - foetal genotype
H63D	Haemochromatosis - HFE gene - p.His63Asp mutation
HBBM	Globin - Screening for alpha or beta gene - postnatal
HLA1	Class I HLA - HLA-A and HLA-B genotyping - EDTA whole blood
HLA2	Class II HLA - HLA-DQ and HLA-DR genotyping - EDTA whole blood
HLAX	HLA class I and II - genotyping for transplants (International Division only)
HLCT	HLA-C genotyping (HLA de classe I) - Total EDTA blood
HMC	Haemochromatosis - HFE gene - p.Cys282Tyr mutation
HRD	Homologous recombination deficiency (HRD) and somatic mutations of the BRCA1 and BRCA2 genes
IL28B	Interleukin 28B (IL28B polymorphisme C/T rs 12979860) - genotyping - EDTA whole blood
JAK2	JAK2 - gene - VAL617PHE (V617F) mutation
KIRT	KIR Génotypage KIR - Total EDTA blood
LAM2	LAM2-t(8;21) Leukemia acute myeloid - EDTA whole blood
LAM2Q	LAM2-t(8;21) Leukemia quantitative PCR t(8;21) - EDTA whole blood
LCT	lactose primary intolerance - Genetic characterization
LLC	NGS panel - CLL (for diagnostic, prognostic and Treatment) - (28 Genes)
LLCTR	NGS panel - CLL (Treatment and resistance mutations) BAX/BCL2/BTK/CARD11/EP300/MCL1/NOTCH1/PLCG2/SF3B1/TP53
LMMCP	LMMC Search transcrit fusion PDFGRB-TEL by RQ-PCR - EDTA whole blood
LNHB	NGS panel - LNHB (Non-Hodgkin lymphoma - B) - (45 Genes)
LNHT	NGS panel - LNHT (Non-Hodgkin lymphoma - T) - (19 Genes)
LPWAL	NGS Panel (Lymphoplasmocytic lymphoma «Waldenström Macroglobulinaemia) ARID1A/BTK/CARD11/CD79A/CD79B/CXCR4/MYD88/NOTCH2/PLCG2/TP53
MDUCH	Duchenne's muscular dystrophy - EDTA whole blood
MDXX	Acute leukemia molecular screening mDX HEMAVISION SYSTEM - EDTA whole blood
MELA	DNA NGS Panel solid tumor Melanoma
MFLT3	FLT3 Mutation screening - EDTA whole blood

Genetics

MICSA	Microsatellite instability
MLLAF	MLL-AF4 (MLL-AFF1) quantitative PCR - EDTA whole blood
MMP53	TP53 Gene - isolated
MOHC2	Haematological and molecular cytogenetics - FISH
MOHC4	Gene rearrangements, deletion, amplification - solid tumors - FISH
MOHC5	HER2 - Human Epidermal growth factor Receptor 2 - status - invasive breast tumors - FISH
MTHF2	Methylenetetrahydrofolate reductase - MTHFR gene - c.1298A>C mutation
MTHFR	Methylenetetrahydrofolate reductase - MTHFR gene - c.677C>T mutation
MUC1N	MUC1 nanopore Nephropathie
MUCO	Cystic fibrosis Detection of variations within the CFTR gene after massive
MUCOL	Cystic Fibrosis Detection of variations within the CFTR gene after massive
MYSDG	MPN-Diagnosis-(DG) NGS panel(Myeloproliferative neoplasms) CARL/CSF3R/ETNK1/JAK2/MPL/SETBP1/SF3B1/ASXL1
MYSDP	NGS panel "MPN - DP (Diagnosis/Pronostic)" - (28 Genes)
MYSKT	Panel NGS - Mastocytose: KIT/ASXL1/SRSF2/RUNX1
MYSLA	"AML" panel (Acute myeloid leukaemia) (42 Genes)
MYSMD	MDS- NGS panel (Myelodysplastic syndrome) (42 Genes)
MYSMO	CMML NGS panel (Chronic Myelomonocytic Leukemia) (24 Genes)
NCDR	Aneuploidy screen by QF-PCR for chromosomes: 13,18,21,X et Y
NGENO	Genome by long-read sequencing (Nanopore) - EDTA whole blood
NPM1	NPM1 mutation - EDTA whole blood
PAIMY	PAI1 - Plasminogen activator inhibitor-1 - mutation - EDTA whole blood
PAM50	Breast Cancer Prognostic Gene Signature Assay - PROSIGNA TEST
PAN	DNA NGS Panel solid tumor Pan-organ : 64 genes
PDAC	DNA NGS Panel for pancreatic cancer
PDGFR	PDGFR alpha - exons 12, 14, 18
PGX	Pharmacogenetic option on exome already sequenced at Eurofins Biomnis
PMLR	PML/RARA-t(15;17) quantitative PCR - EDTA whole blood
POUM1	DNA NGS Panel solid tumor Lung
POUM2	DNA NGS Panel solid tumor Lung extended
PROS	DNA NGS Panel for prostate cancer
RBRAI	RNA NGS panel for brain solid tumors
RCHOL	RNA NGS Panel for cholangiocarcinoma
REINT	réinterprétation d'exome
RPAN	RNA NGS Panel solid tumors, Pan-organ : 65 genes
RPDAC	RNA NGS Panel for pancreatic cancer
RPOUM	RNA NGS Panel for lung cancers
RSARC	RNA NGS Panel for soft tissue tumors : 20 genes
RTHY	RNA NGS Panel for thyroid cancer
S65C	Haemochromatosis - HFE gene - p.Ser65Cys mutation
SC28M	Multiplex-Aberration screening 28 Markers (AML, ALL, CML) - EDTA whole blood
SEIN	DNA NGS Panel solid tumor Breast
SNPFC	Constitutional Molecular Karyotype - SNP ARRAY - Product of conception
SNPOS	Constitutional Molecular Karyotype-SNP ARRAY
SNPRE	Constitutional Molecular Karyotype-SNP ARRAY
SNREI	Re-evaluation - Constitutional Molecular Karyotyping
SNRPL	Angelman / Prader-Willi Syndrome - SNRPN methylation
SNRPS	Angelman / Prader-Willi Syndrome - SNRPN methylation
STEIN	Steinert myotonic dystrophy - EDTA whole blood
THAGX	Beta-Thalassemia - gene study - EDTA whole blood
TPMT	TPMT Genotyping or testing for major polymorphisms in the TPMT gene: Alleles TPMT*2, TPMT*3A, TPMT*3B, TPMT*3C gene: - EDTA whole blood
TRAPS	associated periodic syndrome - EDTA whole blood
TTR	Amylose héréditaire à transthyrétine - Etude moléculaire du gène TTR par séquençage nouvelle génération
UBA1	UBA1 gene - isolated
UGT1A	UGT1A1 : screening for UGT1A1*28(rs8175347) polymorphism - Involved in irinotecan metabolism
XFRA	Fragile X - syndrome
XFRAP	Fragile X - syndrome
ZYGO	Zygosity - twinning study

Haematology

ABAC	ABO system immune antibodies - anti-A anti-B - screening and titration
ADAM	Factor Willebrand protease activity - ADAMTS 13
AGF	Cold agglutinins - screening - EDTA whole blood
AGREG	Heparin induced thrombocytopenia - functional test
ANT11	Anti-factor XI antibodies - screening - Plasma
ANT12	Anti-factor XII antibodies - screening - Plasma
ANTI2	Anti-factor II antibodies - screening - Plasma
ANTI5	Anti-Factor V antibodies - screening - Plasma
ANTI7	Anti-factor VII antibodies - screening - Plasma

Haematology

ANTI8	Anti-factor VIII antibodies - screening - Plasma
ANTI9	Anti-factor IX antibodies - screening - Plasma
APIX	Apixaban(Eliquis ®) - Anti Xa activity measurement - plasma
APLA	Tissue plasminogen activator - tPA - antigen - plasma
AT	Antithrombin - functional activity - plasma
ATAG	Antithrombin - antigen - plasma
B1	Immunophenotyping: Lymphocytes B - CD19 - EDTA whole blood
BMGR	blood grouping - genotyping - EDTA whole blood
CD48	Immunophenotyping: Lymphocytes CD3-CD4-CD8 - EDTA whole blood
CD57	Immunophenotyping: Lymphocytes NK/CD57 - EDTA whole blood
COOMD	Erythrocyte direct Coombs
CRYFB	Cryofibrinogen - screening
CRYOI	Cryoglobulins - identification - serum
CRYOR	Cryoglobulins - screening - serum
CSOLU	Soluble complexes - plasma
DABI	Dabigatran - Measurement of the Dabigatran anti Iia activity - plasma
DDI	D-Dimers - plasma
DREPX	Sickle cells - status - blotting paper
EMA	hereditary spherocytosis - screening (eosin-5'-maleimide (EMA) staining)
EPHB	Haemoglobin - electrophoresis - whole blood
FAC10	Factor X - Stuart-Prower - plasma
FAC11	Factor XI - Rosenthal - plasma
FAC12	Factor XII - Hageman - plasma
FAC13	Factor XIII - plasma
FAC2	Factor II - Prothrombin - activity - plasma
FAC5	Factor V - Proaccelerin - plasma
FAC7	Factor VII - Proconvertin - plasma
FAC8	Factor VIII - Antihaemophilic A - plasma
FAC9	Factor IX - Antihaemophilic B - plasma
FENO	Extended phenotype
FIBRI	Factor I - Fibrinogen - activity - plasma
FOL	Folic acid - serum
FOLE	Erythrocyte folic acid
FONDA	Anti-Xa activity : Fondaparinux - Arixtra - plasma
GAM	IgA/G/M - Immunoglobulins A/G/M - serum
GPFOE	Génotypage plaquettaire foetal non invasif - Maternal blood
GPLAQ	Platelet typing - EDTA whole blood
GRHC	Fetal RHc - genotyping
GRHE	Fetal RH3(E) - genotyping
GROUP	ABO blood grouping - RH1(D)
HBA1C	Haemoglobin glycosylated - HbA1c - EDTA whole blood
HEPAR	Anti-Xa activity : Standard heparin - NFH - plasma
HLAAT	Anti-HLA Antibodies - Classes I and II - Identification - serum
HLACX	anti-HLA antibodies - classes I and II - transplant - serum
HOCY	Homocysteine - plasma
IGA	IgA - Immunoglobulin A - serum
IGA12	IgA - Immunoglobulin A - IgA1 and IgA2 subclasses - serum
IGD	IgD - immunoglobulins D - serum
IGG	IgG - immunoglobulins G - serum
IGG1	IgG - immunoglobulins G - IgG1 subclasses - serum
IGG2	IgG - immunoglobulins G - IgG2 subclasses - serum
IGG3	IgG - immunoglobulins G - IgG3 subclasses - serum
IGG4	IgG - immunoglobulins G - IgG4 subclasses - serum
IGGPL	IgG - immunoglobulins G - CSF
IGM	IgM - immunoglobulins M - serum
IMFIB	Factor I - Fibrinogen - antigen - plasma
INR	Quick time on VKA therapy - plasma
IPLAQ	Anti-platelet antibodies bound or free - screening and identification
KAPAL	Kappa free light chains - serum
KAPPU	Kappa free light chains - urine
KIN	High molecular weight kininogen - activity - plasma
KLEI	Fetal-maternal haemorrhage - EDTA whole blood
LAMBL	Lambda free light chains - serum
LAMBU	Lambda free light chains - urine
NK	Immunophenotyping: Lymphocytes CD56+ / CD16+ - Natural Killer Cells - EDTA whole blood
ORG	Anti-Xa activity : Danaparoid - Orgaran - plasma
PAI1	PAI1 - Plasminogen activator inhibitor-1 - plasma
PC	Protein C - activity - plasma

Haematology

PCAG	Protein C - antigen - plasma
PDF	FDP - fibrinogen and fibrin degradation products - plasma
PF4	Anti-PF4 antibodies - heparin - plasma
PLAS	Plasminogen - plasma
PREK	Prekallikrein - activity - plasma
PROAC	Anti-prothrombin antibodies - IgG - serum
PS	Protein S - activity - plasma
PSAG	Total protein S - antigen - plasma
PSLI	Free protein S - antigen - plasma
PT12	Fragment 1+2 - prothrombin - plasma
RAI	Indirect antiglobulin test - IAT - screening/identification
RH	Rhesus Kell
RIVA	Rivaroxaban - Anti Xa activity measurement - plasma
RPC	Activated protein C resistance - plasma
TCA	Activated Partial Thromboplastin Time - aPTT - plasma
TCAOP	Circulating anticoagulant - screening - plasma
TPA	TPA - Tissue Polypeptide Antigen
TPH	Prothrombine Ratio - plasma
TT	Thrombin clotting time - plasma
VASP	VASP - VAsodilatator Stimulated Phosphoprotein - whole blood
WIL	Von Willebrand factor - plasma
WILAG	Von Willebrand factor - antigen - plasma
XA	Anti-Xa activity : low molecular weight heparin - LMWH - plasma

Immunology

AANX	Anti-nuclear antibodies - Serum
AAPAR	Paranodes antibodies (anti- NF155, NF186, CNTN1, CASPR1) - serum
ACFIN	Anti-intrinsic factor antibodies - serum
ACMYE	Anti-myelin antibodies - serum
ACPIL	CSF
ACTAC	Antibodies anti C1 inhibitor search
ACTC1	C1-inhibitor - complement fraction - functional + quantitation
ACTR	Anti-Tr antibodies - serum
ACTRL	Anti-Tr antibodies - CSF
ADAL	Adalimumab
ADNAC	Anti-DNA antibodies Double stranded DNA - Serum
AGBAX	Anti-Basal Ganglia Antibodies (ABGA) - serum
AMPAR	Anti nervous synaptics antibodies (anti- NMDAR, AMPAR1, AMPAR 2, Lgi1, Caspr2, GABAB, mGluR1, mGluR5, GlycR1) - serum
ANCAX	Anti-neutrophil cytoplasmic antibodies - ANCA - Serum
ANIS	anisakiasis - Specific IgE and IgG4 - serum
ANNEX	Anti-annexin V antibodies - IgG - serum
AP50	50% haemolysis time - alternative pathway complement - serum
ASCA	Anti-Saccharomyces cerevisiae antibodies - IgG/IgA - serum
ASIAX	Anti-asialoglycoprotein receptor antibodies - serum
B2GPI	Anti-beta 2 glycoprotein 1 antibodies - B2GP1 - IgG - Serum
B2GPM	Anti-beta 2 glycoprotein 1 antibodies - B2GP1 - IgM - Serum
BEVA	Bevacizumab - serum
BP180	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-Dsg3 - serum
C1Q	C1q - complement fraction - serum
C1QAC	Anti-C1q antibodies - serum
C3ACT	Factor B - complement fraction - serum
C3NEF	C3NeF - Nephritic factor - serum
CALAC	Anti-calcium channel antibodies - serum
CAPO	Anti-potassium channel antibodies / Lgi1 Caspr2 - serum
CARD	Anti-cardiolipin antibodies - IgG - Serum
CARDM	Anti-cardiolipin antibodies - IgM - Serum
CC2	C2 - complement fraction - serum
CC3	C3 - complement fraction - serum
CC4	C4 - complement fraction - serum
CC5	C5 - complement fraction - serum
CC7	C7 - complement fraction - serum
CC9	C9 - complement fraction - serum
CELPA	Anti-parietal cell antibodies - stomach - serum
CERTO	Certolizumab - serum
CH50	CH50 - Total haemolytic complement
CIC	Circulating immune complexes - CIC - serum
CITRA	Anti-cyclic citrullinated peptide antibodies - CCP2
COLB2	Anti-type II collagen antibodies - serum

Immunology

CYTOC	Anti-liver cytosol type 1 antibodies - LC1 - confirmation - serum
CYTOX	Anti-liver cytosol type 1 antibodies - LC1 - screening - serum
ECT	Anti-ENA antibodies (SSA, SSB, Sm, Rnp, Jo1, Scl-70) - screening and titration - Serum
ENDOA	Anti-endomysium antibodies - IgA - serum
ENDOG	Anti-endomysium antibodies - IgG - serum
ETAN	Etanercept - serum
FACH	Factor H - complement fraction
FACI	Factor I - complement fraction - serum
FARR	Anti-DNA antibodies double stranded - Farr test - serum
FR	Rheumatoid factors - serum
FRA	Rheumatoid factors - IgA - serum
GAD	Anti-GAD antibodies - serum
GADPL	Anti-GAD antibodies - CSF
GFAPE	anti GFAP antibodies - Repeat testing - CSF - anti GFAP antibodies
GLIAA	Anti deamidated gliadin peptides antibodies IgA - IgA - serum
GLIAG	Anti deamidated gliadin peptides antibodies IgA - IgG - serum
GM1	Anti-glycolipid antibodies - serum
GM1PL	Anti-glycolipid antibodies - CSF
GOLIM	Golimumab - serum
GPAC	Anti-GP210 antibodies - serum
HISAC	Anti-histone antibodies - serum
HMGCR	Anti HMGCR antibodies - serum
IA2	Anti-tyrosine phosphatase antibodies - IA-2 - serum
IGAAC	Anti-IgA antibodies - serum
IL10	Interleukin (IL)-10
IL10D	Interleukin (IL)-10 - .
IL1B	Interleukin (IL)-1 beta
IL5	Interleukin (IL)-5
IL6	Interleukin (IL)-6
IL6D	Interleukin (IL)-6 - .
IL8	Interleukin (IL)-8
ILO	Anti-islet cell antibodies - ICA - serum
INAPL	Interferon alpha - CSF
INFA	Interferon alpha - serum
INFAA	Interferon alpha - neutralizing antibody - serum
INFAC	Infliximab
INFAD	Interferon alpha - biological fluid
INGPL	Interferon gamma - CSF
INHC1	C1-inhibitor - complement fraction - quantitation - serum
INSAC	Anti-insulin antibodies - serum
LBP	LBP - serum
LDLOX	Oxidised LDL
LKMC	Anti-LKM antibodies - endoplasmic reticulum - typing - serum
LKMX	Anti-LKM antibodies - endoplasmic reticulum - screening - serum
MAG	Anti-MAG antibodies - serum
MBG	Anti-glomerular basement membrane antibody - Serum
MITOT	Anti-mitochondrial antibodies - typing - serum
MITOX	Anti-mitochondrial antibodies - screening and titration - serum
MOG	Anti-MOG antibodies - serum
MOGPL	Anti-MOG antibodies - CSF
MPO	Anti-MPO antibodies - myeloperoxidase - Serum
MUSCX	Anti-smooth muscle antibodies - screening and titration - serum
MUSK	Anti-MuSK antibodies - serum
MUSTR	Anti-striated muscle antibodies - serum
NMDA	Anti-NMDA receptor antibodies - serum
NMDPL	Anti-NMDA receptor antibodies - CSF
NMOAC	Anti-neuromyelitis optica antibodies - serum
NMOPL	Anti-neuromyelitis optica antibodies - CSF
NUCAC	Anti-nucleosome antibodies - serum
OVAC	Anti-ovarian antibodies - serum
PA100	Nutritol - IgG food panel - 100 foods - serum
PA287	Nutritol - IgG food panel 287 foods - serum
PA50V	Nutritol - IgG food panel - 50 foods VEGAN - serum
PAG25	Nutritol - IgG food panel - 25 foods - serum
PAG50	Nutritol - IgG food panel - 50 foods - serum
PANCR	Anti-lactoferrin antibodies and anti carbonic anhydrase antibodies - serum
PANIG	Gluten allergy and intolerence profil
PEAU	Anti-epidermal basement membrane and intracellular substance antibodies - serum

Immunology

PHAC	Anti phospholipids antibodies - Serum
PHETG	Anti-phosphatidylethanolamine antibodies - IgG - serum
PHETH	Anti-phosphatidylethanolamine antibodies - IgM - serum
PIH	Alpha-1 Antitrypsin - PI phenotype
PINI	nutritional proteins profile with PINI index - serum
PLA2R	anti-PLA2R antibodies
POPRO	Anti-proton pump antibodies - serum
PPER	Properdin - complement fraction
PR3	Anti-PR3 antibodies - proteinase 3 - Serum
PTHYR	Anti-Calcium Sensing Receptor antibodies - serum
REAC	Anti-acetylcholine receptor antibodies - serum
RECOV	Anti-retina antibodies - serum
RIBO	Anti-ribosome antibodies - serum
RIL2	Interleukin (IL)-2 - receptor
RITUX	Rituximab - serum
SCLER	Markers in progressive systemic sclerosis(Scleroderma) - serum
SLAC	Anti-SLA antibodies - Soluble Liver Antigen - serum
SOX1	Anti- SOX1 antibodies - serum
SOX1L	Anti- SOX1 antibodies - CSF
SP100	Anti-SP100 antibody - IgG - serum
SURAC	Anti-adrenal gland antibodies - serum
SYNTH	Myosite Markers - serum
T3AC	Anti-T3 antibodies - triiodothyronine - serum
T4AC	Anti-T4 antibodies - thyroxine - serum
TESTA	Anti-testicular antibodies - serum
TGLU	Human tissue transglutaminase antibody - IgA - serum
TGLUG	Human tissue transglutaminase antibody - IgG - serum
THSD7	anti THSD7A antibodies
TITIL	Anti-titin antibodies - CSF
TITIN	Anti-titin antibodies - serum
TNF	TNF-alpha - Tumour Necrosis Factor
TOCI	Tocilizumab - serum
TPO	Anti-thyroid peroxidase antibodies
TRAKH	Anti-TSH receptor antibodies
TSHAC	Anti-TSH antibodies - serum
TYRAC	Anti-thyroglobulin antibodies
TYSA	Anti-Natalizumab antibodies - serum
USTEK	Ustekinumab - serum
VEDO	Vedolizumab - serum
VEGF	Vascular Endothelial Growth Factor (VEGF-A) - sérum and plasma EDTA
VGKPL	Anti-potassium channel antibodies / Lgi1 Caspr2 - CSF
XAUT2	Panel : Extensive Auto Abs Screen
YOHU	Anti-neuron antibodies - serum
YOPL	Anti-neuron antibodies - CSF
ZIC4	Anti-ZC4 antibodies - serum
ZIC4L	Anti-ZC4 antibodies - CSF
ZNT8	Anti ZNT8 antibodies - serum

Infectious

3IST	STI search - multiplex gene amplification
ABMA	Mycobacteria - susceptibility testing
ADENO	Adenovirus - IgG serology - serum
ADENS	Adenovirus - screening - Stools
ADNBQ	Hepatitis B - viral load - PCR
ADNVB	Adenovirus - direct diagnosis - PCR
AGYLU	Angiostrongylus cantonensis - serology - serum
AMIB	Amoebiasis - serology - serum
AMYC	Yeasts - antifungal susceptibility testing
ANG	Strongyloidiasis - serology - serum
ARNCQ	Hepatitis C - viral load - quantitative PCR
ASC	Ascariasis - serology - serum
ASDOR	Streptococcus A- Serology-Abs to streptodornase B (ASD) - serum
ASIEP	Aspergillosis - confirmation serology - serum
ASLO	Streptococcus A - Serology- Ac anti streptolysin O (ASLO) - serum
ASPAG	Aspergillosis - soluble antigen - testing - serum
ASPER	Aspergillosis IgG serology screening - serum
ASPLB	Aspergillosis - soluble antigen - testing - BAL
ATBSM	Anaerobic and aerobic bacteria - susceptibility testing

Infectious

BACBM	Designated bacterium - direct diagnosis - PCR
BADUC	Haemophilus ducreyi - screening
BAF	Bacteriological screening
BDGLU	Beta-D-Glucan antigen - screening
BIL	Schistosomiasis - screening serology - serum
BILBM	Schistosomiasis - direct diagnosis - PCR
BILC	Schistosomiasis - confirmation serology - serum
BKBM	Mycobacteria - PCR M. tuberculosis complex (BKBM)
BKDEF	Mycobacteria - culture
BKDIR	Mycobacteria - direct examination
BKRES	Mycobacteria - PCR detection of rifampicin and isoniazid resistance in M.tuberclosis complex
BKXDR	Mycobacteria - PCR detection of mutations associated with resistance to isoniazid, ethionamide, fluoroquinolones and second-line injectable antibiotics (aminosides)
BMR	Antibiotic multi-resistant bacteria (MRB) - screening
BOINT	Lyme disease - IgG intrathecal index - CSF + serum
BOR	Lyme disease - IgG/IgM screening serology - serum
BORBM	Borreliosis - direct diagnosis - PCR
BORPL	Lyme disease - screening serology - CSF
BRUC	Brucellosis - Serology (Rose bengale + brucellacapt) - serum
BW	Syphilis - Treponemique test - screening serology - serum
BWIGM	Syphilis - IgM serology - serum
BWQ	Syphilis - VDRL or quantitative RPR
BWQPL	Syphilis - titration - CSF
CAMP	Campylobacter - IgG serology - serum
CANAG	Candida - Mannane antigen - serum
CAND	Candida albicans - screening serology - serum
CANDC	Candida albicans - confirmation serology - serum
CHKBM	Chikungunya - direct diagnosis - PCR
CHPBM	Chlamydia pneumoniae - direct diagnosis - PCR
CHPN	Chlamydia pneumoniae - IgG/IgM serology - serum
CLOBM	Clostridium difficile - toxins-screening by PCR
CMI	Aerobic / anaerobic bacteria - MIC: Minimum Inhibitory Concentration
CMIMY	Fungus - Yeasts - MIC: Minimum Inhibitory Concentration
CMV	Cytomegalovirus - CMV - - IgG/IgM serology - serum
CMVAV	Cytomegalovirus - CMV - IgG avidity test - serum
CMVBM	Cytomegalovirus - CMV - - direct diagnosis - PCR
CMVG	Cytomegalovirus - CMV - - IgG serology - serum
CMVLA	Cytomegalovirus - CMV - - direct diagnosis - PCR - amniotic fluid
COQBM	Whooping cough - Bordetella pertussis and parapertussis - direct diagnosis - PCR
COQWB	Pertussis - serology
COVGR	COVID 19 / Influenza virus A and B - panel - direct diagnosis - PCR
COX12	Coxiella burnetii (Q fever) - IgG and IgM serology, Phases I and II - serum
COXBM	Enterovirus - direct diagnosis - PCR
COXBU	Coxiella burnetii (Q fever) - Screening serology Total Ac Phase II - serum
COXLA	Enterovirus - direct diagnosis - PCR - amniotic fluid
CRYPD	Cryptococcus neoformans - soluble antigen - testing
CRYPS	Cryptosporidia - screening
DELAC	Hepatitis Delta (VHD) ¿ Serological screening for total antibodies - serum
DELAG	Hepatitis Delta - antigen - serum
DELAM	Hepatitis Delta - IgM antibody - serum
DELBM	Hepatitis Delta - Viral load - PCR
DENAG	Dengue fever - NS1 antigen - serum
DENBM	Dengue fever - direct diagnosis - PCR
DENG	Dengue fever - IgG/IgM serology - serum
DENLA	Dengue fever - direct diagnosis - PCR - amniotic fluid
DIPH	Diphtheria - immunity test - IgG serology - serum
DISTC	Distomatosis - confirmation serology - serum
DISTO	Distomatosis - screening serology - serum
EAA	Epstein-Barr Virus - EBV - IgA EA serology - serum
EAG	Epstein-Barr Virus - EBV - IgG EA serology - serum
EBV	Epstein-Barr Virus - EBV - VCA IgG/IgM and EBNA IgG serology - serum
EBVBM	Epstein-Barr Virus - EBV - direct diagnosis - PCR
EBVG	Epstein-Barr Virus - EBV - VCA IgG, EBNA, IgG serology - serum
EBVLA	Epstein-Barr Virus - EBV - direct diagnosis - PCR - amniotic fluid
EBVM	Epstein-Barr Virus - EBV - VCA IgM serology - serum
EBVQ	Epstein-Barr Virus - EBV - viral load - PCR
EHRLI	Human ehrlichiosis - IgG/IgM serology - serum
FIL	Filariasis - serology - serum
FJAC	Yellow Fever - immunity test - serum

Infectious

GABPC	Influenza - direct diagnosis - PCR
GALER	scabies - screening
GCOV	COVID-19 (SARS-CoV-2) IgG serology anti-S
GDH	Clostridium difficile - Glutamate dehydrogenase (GDH) screening (+toxins)-stool
GENC	Hepatitis C - genotyping
GENCS	Hepatitis C
GIP	Gastrointestinal Panel - direct diagnosis - PCR - Stools
GNATH	Gnathostomiasis - serology - serum
GRIF	Bartonellosis - B. henselae - B. quintana - IgG serology - serum
GRIFB	Bartonellosis - direct diagnosis - PCR
GRIP	Influenza A and B - IgG serology - serum
HAEBM	Haemophilus ducreyi - direct diagnosis - PCR
HANTA	Hantavirus - IgG/IgM serology - serum
HAVAC	Hepatitis A - IgG immunity screening - serum
HAVM	Hepatitis A - IgM antibody - serum
HBCAC	Hepatitis B - total anti-HBc antibodies - serum
HBCM	Hepatitis B - anti-HBc antibodies - IgM - serum
HBEAC	Hepatitis B - anti-HBe antibodies - serum
HBEAG	Hepatitis B - HBe antigen - serum
HBSAC	Hepatitis B - anti-HBs antibodies - titration - serum
HBSAG	Hepatitis B - Qualitative HBs antigen - serum
HBSGQ	Hepatitis B - HBs antigen - quantitative - serum
HBVD	Hepatitis B Screening and/or diagnosis of hepatitis B (HBsAg, anti-HBs, anti-HBc) - serum
HCVAC	Hepatitis C - screening serology - Serum
HCVBM	Hepatitis C - viral RNA detection - PCR - serum
HEIN	Haemophilus influenzae B - IgG serology - serum
HELCU	Helicobacter pylori - culture
HELI	Helicobacter pylori - IgG serology - serum
HELS	Helicobacter pylori - antigen - Stools
HERBM	Herpes simplex virus 1/2 - HSV - direct diagnosis - PCR
HERHN	Herpes Simplex Virus-HSV1 IgG & HSV2 IgG - IgG serology - serum
HERPG	Herpes Simplex Virus-HSV1 IgG & HSV2 IgG - IgG serology - serum
HERPM	Herpes simplex virus 1/2 - HSV - IgM serology - serum
HEVBM	Hepatitis E - direct diagnosis - PCR
HEVG	Hepatitis E - IgG antibody - serum
HEVM	Hepatitis E - IgM antibody - serum
HHV6G	Herpes virus type 6 (HHV6) - IgG serology
HHV6M	Herpes virus type 6 (HHV6) - IgM serology
HIV	HIV1/2 - Human Immunodeficiency Virus - screening serology - serum
HIVBM	HIV-1: Qualitative RNA detection, suspected primary infection - serum
HIVQ	HIV1 - Human Immunodeficiency Virus - viral load - Plasma
HIVQ2	HIV2 - Human Immunodeficiency Virus - viral load - Plasma
HIVQL	HIV - Human Immunodeficiency Virus - viral load - CSF
HKIT	Helicobacter pylori - 13C urea breath test - expired gas
HKITN	Helicobacter pylori - 13C urea breath test - expired gas
HPGEN	Helicobacter pylori and clarithromycin resistance gene - direct diagnosis - PCR
HPV	Detection of high-risk HPV nucleic acids using a molecular technique as part of primary CCU screening
HPVAN	Detection of the HPV16 genome in the context of anal cancer screening
HPVBM	Papillomavirus - HPV Détection and Typing of 19 high-risk HPV and 18 low-risk HPV - PCR
HPVPV	HPV test for vaginal sampling or self-sampling
HSVLA	Herpes simplex virus 1/2 - HSV - direct diagnosis - PCR - amniotic fluid
HTLBM	HTLV I/II Qualitative PCR - EDTA whole blood
HTLV	HTLV I/II - screening serology - serum
HV6BM	Herpes virus type 6 (HHV6) - direct diagnosis - PCR
HV6Q	Herpes virus type 6 (HHV6) - viral load - PCR
HV7BM	Herpes Virus type 7 - direct diagnosis - PCR
HV8BM	Herpes virus type 8 (HHV8) - direct diagnosis - PCR
HV8Q	Herpes virus type 8 (HHV8) - viral load
HYD	Echinococcosis - screening serology - serum
HYDWB	Echinococcosis - confirmation serology - serum
IBA	bacterial identification
IDMA	Mycobactéria - identification
IST3	Chlamydia trachomatis, Neisseria gonorrhoeae and Trichomonas vaginalis - multiplex gene amplification
IST4	Chlamydia trachomatis, Neisseria gonorrhoeae, Mycoplasma genitalium and Trichomonas vaginalis - multiplex gene amplification
IST7	IST PMA Expert ¿ Multiplex PCR detection ¿ Urogenital mycoplasma, C. trachomatis, N. gonorrhoeae, M. genitalium, T. vaginalis
JCPL	Polyomavirus JC - direct diagnosis - PCR
KINGK	Kingella kingae - direct diagnosis - PCR
LEGAG	Legionellosis- antigenes LP1 - urines

Infectious

LEGBM	Legionellosis- - direct diagnosis - PCR
LEGIO	Legionellosis- IgG screening serology - serum
LEGIT	Legionellosis- - serogroups 1 to 6 - IgG confirmation serology - serum
LEIBM	Leishmaniasis - direct diagnosis - PCR
LEIS	Leishmaniasis - Serology screening - serum
LEIWB	Leishmaniasis - confirmation serology - serum
LEPBM	Leptospirosis - direct diagnosis - PCR
LEPT	Leptospirosis - IgM serology - serum
LISBM	Listeria monocytogenes - direct diagnosis - PCR
MCRBM	Cryptosporidies - Microsporidies - direct diagnosis - PCR
MENVI	viral meningoencephalitis panel - direct diagnosis - PCR
METBM	Metapneumovirus - hMPV - direct diagnosis - PCR
MNI	Epstein-Barr Virus - EBV - MNI test - serum
MPOX	Monkeypox virus - direct diagnosis - PCR
MYCB2	Mycoplasma genitalium - Search by gene amplification - 2 sample
MYCB3	Mycoplasma genitalium - Search by gene amplification - 3 sample
MYCBM	Mycoplasma genitalium - Search by gene amplification - 1 sample
MYCEX	Fungus - Yeasts - screening
MYCGE	urogenital (ureaplasma urealyticum) mycoplasma (mycoplasma hominis) - serology - serum
MYCHN	Mycoplasma genitalium - Search by gene amplification
MYCID	Fungus - Yeasts - identification
MYCOM	Mycoplasma pneumoniae - IgM serology - serum
MYCPN	Mycoplasma pneumoniae - IgG serology - serum
MYPBM	Mycoplasma pneumoniae - direct diagnosis - PCR
NGOBM	Neisseria gonorrhoeae - Detection by molecular amplification
NOID	Nocardia - PCR
NORBM	Norovirus - direct diagnosis - PCR - Stools
NOROS	Norovirus - screening - Stools
NTMDR	Non tuberculosis mycobacteria - PCR detection of macrolide and aminoglycoside resistance
ORE	Mumps - IgG/IgM serology - serum
OREBM	Mumps - direct diagnosis - PCR
OREG	Mumps - IgG serology - serum
P24AG	HIV - Human Immunodeficiency Virus - p24 antigen - serum
PALU	Sérologie Palustre (IgM/IgG)
PARAG	Paragonimiasis - serum
PARBM	Parvovirus B19 - direct diagnosis - PCR
PARLA	Parvovirus B19 - direct diagnosis - PCR - amniotic fluid
PARSP	Parasitology - microscopy
PARV	Parvovirus B19 - IgG/IgM serology - serum
PARVG	Parvovirus B19 - immunity test - serum
PARVQ	Parvovirus B19 - viral load
PCRUN	Detection and identification bacterial DNA - 16S PCR by NGS sequencing
PECBM	Parechovirus - direct diagnosis - PCR
PEV	Vesicular eruptions panel - direct diagnosis - PCR
PINF	Parainfluenzae 1, 2, 3 - IgG serology - serum
PIR	Respiratory Infection Panel - direct diagnosis - PCR
PIRO	Human babesiosis - serology - serum
PJICF	Pneumocystis jirovecii - Quantitative PCR / fungal load
PNAGD	Soluble bacterial antigens Streptococcus pneumoniae - urines
PNUAC	Streptococcus pneumoniae - capsular polysaccharide - serology - serum
POLIO	Poliovirus - serology - serum
POPCR	Polyomavirus BK - viral load
PPARA	Helminthes - Protozoaires - direct diagnosis - PCR - Stool
PSIT	Chlamydia psittaci - IgG serology (1st intention) - serum
PSITA	Chlamydia psittaci - IgA serology - serum
PUG	Genital ulcérations panel - direct diagnosis - PCR
QANR	Interferon gamma production - Quantiferon® TB Gold Plus
RAGE	Rabies - IgG serology - serum
RBA	Bacteria - screening
RHB	Hepatitis B Genotyping and Antiviral Resistance Profile - serum
RHC	Hepatitis C - Anti-viral resistance profile - serum
RHIBM	Rhinovirus - direct diagnosis - PCR
RIBHN	Hepatitis C - confirmation - serum
RICCT	Rickettsioses - R. conorii, R. typhi - serology - serum
ROTSE	Rotavirus - rapid screening - Stools
ROUBM	Measles - direct diagnosis - PCR
ROUG	Measles - IgG/IgM serology - serum
ROUGG	Measles - immunity test - IgG serology - serum

Infectious

RPOB	Tuberculosis complex - Detection of the coding rpoB gene mutation for rifampicin resistance by PCR
RUBAV	Rubella - antibody avidity - IgG - serum
RUBEM	Rubella - IgM serology - serum
RUBEO	Rubella - IgG serology - serum
RUBLA	Rubella - direct diagnosis - PCR
RUBM	Rubella - direct diagnosis - PCR
RUBWB	Rubella - Western blot - serum
RVIH	HIV-1 Resistance Genotyping to antiretroviral drugs: reverse transcriptase, protease, and integrase genes (RNA) - plasma
RVIH2	HIV-1 Resistance Genotyping to antiretroviral drugs: envelope gene, tropism (RNA) - plasma
SALMO	Salmonellosis - serology - serum
SCOVI	COVID-19 (SARS-CoV-2) serology (total Ig) anti-N
STABM	PVL toxin detection (Staphyloccoccus aureus) - PCR on strain
STREL	Soluble bacterial antigens Streptococcus pneumoniae - CSF
STYPB	Escherichia coli - serotyping by agglutination (e.g. E. coli K1; EPEC; O157, etc.)
TAE	Cysticercosis - Taenia Solium - IgG serology - serum
TBE	Tick-borne encephalitis - TBE - IgG/IgM serology - serum
TCAR	Toxocariasis - serology - serum
TENAC	Cysticercosis - confirmation serology
TENAD	Cysticercosis - confirmation serology - CSF
TET	Tetanus - immunity test - IgG serology - serum
TOSBM	Toscana virus - direct diagnosis - PCR
TOXAV	Toxoplasmosis - antibody avidity - IgG - serum
TOXBM	Toxoplasmosis - direct diagnosis - PCR
TOXC	Toxocariasis - confirmation serology - serum
TOXLA	Toxoplasmosis - direct diagnosis - PCR - amniotic fluid
TOXO	Toxoplasmosis - IgG/IgM serology - serum
TOXWB	Toxoplasmosis research into IgG and IgM neosynthesis
TRABM	Chlamydia trachomatis - Detection by molecular amplification
TRACA	Chlamydia trachomatis - IgA serology - Serum
TRACG	Chlamydia trachomatis - IgG serology - Serum
TRACM	Chlamydia trachomatis - IgM serology - serum
TREBM	Treponema pallidum - Detection via PCR
TRI	Trichinosis - IgG serology - serum
TRIBM	Trichomonas vaginalis - Search by gene amplification
TRIWB	Trichinosis - confirmation serology - serum
TRYL	Trypanosoma gambiense - serology - CSF
TRYPA	Trypanosoma cruzi - serology
TRYS	Trypanosoma gambiense - serology - serum
TUL	Tularemia - Francisella tularensis - serology total antibodies - serum
VARHN	Varicella zoster virus - IgG serology - serum
VARZG	Varicella zoster virus - IgG serology - serum
VARZM	Varicella zoster virus - IgM Serology - serum
VIRBM	Paediatric respiratory viruses (RSV / Metapneumovirus / Rhinovirus) - direct diagnosis - PCR
VRS	Respiratory syncytial virus - RSV - IgG serology - serum
VRSBM	Respiratory syncytial virus - RSV - direct diagnosis - PCR
VZVBM	Varicella zoster virus - direct diagnosis - PCR
VZVLA	Varicella zoster virus - direct diagnosis - PCR - amniotic fluid
WB12	HIV1/2 - Human Immunodeficiency Virus - confirmatory serology by immuno-transfer technique - serum
WBHTL	HTLV I/II - confirmation serology - serum
WBLYG	Borreliosis - IgG confirmation serology
WBLYM	Borreliosis - IgM confirmation serology - serum
WBSG	Syphilis - IgG confirmation serology - serum
WBSM	Syphilis - IgM confirmation serology - serum
WBTRY	Trypanosoma cruzi - confirmation - serum
WBTXG	Toxoplasmosis - IgG confirmation serology - serum
WHIBM	Tropheryma whipplei - direct diagnosis - PCR
WNV	West Nile virus - IgG/IgM serology - serum
WNVBM	West Nile virus - direct diagnosis - PCR
YOPAC	Anti-YOP antibodies - IgG - serum
ZIKBM	Zika - direct diagnosis - PCR
ZIKLA	Zika - direct diagnosis - PCR - amniotic fluid

Molecular biology

RMGEN	Mycoplasma genitalium Search for mutations associated with macrolide resistance

Molecular Genetics

5FUGE	Genotyping of dihydropyrimidine dehydrogenase
NRNAS	Targeted RNA sequencing

Molecular Genetics

SEPOS	Targeted Sequencing - Postnatal
SEPRE	Targeted Sequencing - Prenatal

Oncology- haematology

FS	Leukocyte Count Detailed
IPHEN	Immunophenotyping of malignant hemopaties
MOHC1	Blood karyotype
PERLS	Myelogram - Perls staining
SCHIZ	Erythrocytes morphological aspect
SEZA	Sézary cells - screening - smear

preventive biology

AAFEM	Juvenalis - AgeCheck - woman
AAMAS	Juvenalis - AgeCheck - man
ACTIV	Juvenalis - Panel - ActivCheck - woman
DIGES	Juvenalis - DigestCheck - Stool
ENDO	Juvenalis - Panel MyEndoCheck - Juvenalis - Panel MyEndoCheck
FERTI	Juvenalis - Panel - FertiCheck
GLOB	Juvenalis - Panel - GlobalCheck
IMMU	Juvenalis - ImmuCheck
JBIOT	Gut microbiota
LIBID	Juvenalis - Panel - LibidoCheck
MINER	Juvenalis - mineral panel
MINI	Juvenalis - MiniCheck
NEURO	Juvenalis - Panel - Neurocheck
OXYC	Juvenalis - OxyCheck
SOPIO	Juvenalis - Panel SopioCheck
THYRJ	Juvenalis - Panel - ThyroCheck+
VEGAN	Juvenalis - Panel - VeggieCheck
VITAM	Juvenalis - vitamins panel

Reproductive biology - Medically Assisted procreation (MAP)

FRASP	DNA fragmentation test - DNA decondensation - SCSA - Sperm
SPACD	Anti-sperm antibodies - indirect screening
SPCG	Spermocytogramm

;	HIV1/2 - Human Immunodeficiency Virus - screening serology - serum
.	Amino acids - chromatography
.	Anti-DNA antibodies Double stranded DNA - Serum
.	Anti-TSH receptor antibodies
.	Circulating anticoagulant - screening - plasma
.	Hepatitis B - anti-HBc antibodies - IgM - serum
.	Hepatitis B - total anti-HBc antibodies - serum
.	HIV2 - Human Immunodeficiency Virus - viral load - Plasma
.	Pro-gastrin-releasing-peptide (ProGRP)
.	Syphilis - Treponemique test - screening serology - serum
.	Syphilis - VDRL or quantitative RPR
.	West Nile virus - IgG/IgM serology - serum
10-Hydroxy-carbazepine - serum	
1,25-dihydroxycalciferol	Vitamin D - 1,25-dihydroxyvitamin D - serum
1,25(OH)2-vitamin D3	Vitamin D - 1,25-dihydroxyvitamin D - serum
1,25(OH)2D	Vitamin D - 1,25-dihydroxyvitamin D - serum
11-Deoxycorticosterone	
11-Desoxycortisol - Compound S -	
11-Desoxycortisol - Compound S - - (Tubes without separating gel)	
11-DF	11-Desoxycortisol - Compound S - - (Tubes without separating gel)
11-OH-THC	Cannabinoïdes - dosage - plasma
1-3 B-D-Glucan	Beta-D-Glucan antigen - screening
1-hydroxyphenanthrene	Metabolites of PAH (Polycyclic Aromatic Hydrocarbons) - urine
1-hydroxypyrene	Metabolites of PAH (Polycyclic Aromatic Hydrocarbons) - urine
1-naphthol	Metabolites of PAH (Polycyclic Aromatic Hydrocarbons) - urine
13C-urea breath tests - Helicobacter pylori	Helicobacter pylori - 13C urea breath test - expired gas
1691G>A mutation	Factor V Leiden - p.Arg506Gln mutation
16S rRNA	Detection and identification bacterial DNA - 16S PCR by NGS sequencing
17 beta-oestradiol	Oestradiol - man/child - serum
17 beta-oestradiol	Oestradiol - woman - serum
17 beta-oestradiol	
17-alpha-Hydroxyprogesterone	17-Hydroxyprogesterone
17-Hydroxy-delta-5-pregnenolone	17-Hydroxy-Pregnenolone - serum
17-Hydroxy-Pregnenolone - serum	
17-Hydroxyprogesterone	17-Hydroxyprogesterone
17-Hydroxyprogesterone	
17-OH progesterone	17-Hydroxyprogesterone
17-OH-P	17-Hydroxyprogesterone
17-OH-pregnenolone	17-Hydroxy-Pregnenolone - serum
2019-nCoV	COVID-19 (SARS-CoV-2) IgG serology anti-S
2019-nCoV	COVID-19 (SARS-CoV-2) serology (total Ig) anti-N
2,4'-DDE	Pesticides - screening and/or dosage - urine
2,4'-DDT	Pesticides - screening and/or dosage - urine
21-Deoxy F	21-Deoxycortisol - (Tubes without separating gel)
21-Deoxycortisol - (Tubes without separating gel)	
21-DF	21-Deoxycortisol - (Tubes without separating gel)
21-DOB	21-Deoxycortisol - (Tubes without separating gel)
21-Hydroxylase - antibodies	Anti-21-hydroxylase antibodies - serum
2-hydroxyfluorene	Metabolites of PAH (Polycyclic Aromatic Hydrocarbons) - urine
2-hydroxyphenanthrene	Metabolites of PAH (Polycyclic Aromatic Hydrocarbons) - urine
2-naphtol	Metabolites of PAH (Polycyclic Aromatic Hydrocarbons) - urine
[-2]pro-PSA - Phi score calculation - serum	
23S	Helicobacter pylori and clarithromycin resistance gene - direct diagnosis - PCR
27dupC	MUC1 nanopore Nephropathie
3 methoxytyramine	Methoxylated derivatives of catecholamines - Free metanephrines - child - Urine
3 methoxytyramine	Methoxylated derivatives of catecholamines - Free metanephrines - Urine
3 ortho methyldopamine	Methoxylated derivatives of catecholamines - Free metanephrines - child - Urine

3 ortho methyldopamine	Methoxylated derivatives of catecholamines - Free metanephrines - Urine
3 Ortho Methyldopamine	Methoxylated derivatives of catecholamines - Free metanephrines
3- (B-aminoethyl) -5-hydroxyindol	Serotonin - whole blood
3-Alpha-Androstanediol Glucuronide - serum	
3-hydroxy-3-methyl-glutaryl-CoA reductase antibodies	Anti HMGCR antibodies - serum
3-hydroxyfluorene	Metabolites of PAH (Polycyclic Aromatic Hydrocarbons) - urine
3-hydroxyphenanthrene	Metabolites of PAH (Polycyclic Aromatic Hydrocarbons) - urine
3-OH-butyrate	Ketone bodies - Deproteinized heparin whole blood sample or CSF
3tc	Lamivudine - plasma
4,4' -DDT	Pesticides - screening and/or dosage - urine
4,4'-DDE	Pesticides - screening and/or dosage - urine
4-hydroxyphenanthrene	Metabolites of PAH (Polycyclic Aromatic Hydrocarbons) - urine
50% haemolysis time - alternative pathway complement - serum	
5 -pregnenolone	
5-alpha, 3-alpha-Androstanediol glucuronide	3-Alpha-Androstanediol Glucuronide - serum
5-alpha DHT	DHT - Dihydrotestosterone - serum
5-alpha-Androstanediol	3-Alpha-Androstanediol Glucuronide - serum
5-alpha-Dihydrotestosterone	DHT - Dihydrotestosterone - serum
5-FU Toxicity	Uracile - dosage(search a risk of toxicity to fluoropyrimidines)
5-HIAA	5-HIAA - 5-hydroxyindoleacetic acid - Urine
5-HIAA - 5-hydroxyindoleacetic acid - Urine	
5-HNMP	5-Hydroxy-N-methylpyrrolidone - urine
5-HT	Serotonin - whole blood
5-Hydroxy-N-methylpyrrolidone - urine	
5-Hydroxytryptamine	Serotonin - whole blood
5'-Nucleotidase - activity - serum	
5-OHT - whole blood	Serotonin - whole blood
5-Pregnenolone	Pregnenolone - serum
5¿Alpha¿reductase	DHT - Dihydrotestosterone - serum
5ème maladie éruptive de l'enfant	Parvovirus B19 - direct diagnosis - PCR
5'Nu	5'-Nucleotidase - activity - serum
5P	Pregnenolone - serum
5P	
6 mono acéthyl morphin	Opiates - dosage - plasma
6-hydroxy-(mono-propyl-heptyl) phthalate (OH-MiDP) - metabolite of DiDP	Phtalates - extended panel - urines - Phtalates - extended panel
6-monoacetylmorphine	Opiates - dosage - urines
6-sulfatoxymelatonin - urine	Melatonin - 24-hour urine collection
6-sulfatoxymelatonin - urine	Melatonin - Urine
7-Dehydrocholesterol	
9 Hydroxy-Rispéridone	Risperidone
9-hydroxyfluorene	Metabolites of PAH (Polycyclic Aromatic Hydrocarbons) - urine
A1 Antiplasmin	Alpha-2 Antiplasmin - activity - plasma
A1 Antitrypsin	Alpha-1 Antitrypsin - dosage - Serum
A1 Antitrypsin - clearance	Alpha-1 Antitrypsin - clearance
A1-microglobulin	Alpha-1 Microglobulin - Urine (urination)
A and B Influenza	COVID 19 / Influenza virus A and B - panel - direct diagnosis - PCR
A2-macroglobulin	Alpha-2 Macroglobulin - serum
A-fetoprotein	AFP - Alpha fetoprotein - fluid
A-fetoprotein	AFP - Alpha fetoprotein - serum
A-fetoprotein - amniotic fluid	AFP - Alpha-fetoprotein - amniotic fluid
A2M	Alpha-2 Macroglobulin - serum
AAC	Amino acids - chromatography - urine
Abacavir - plasma	
ABCG2	Pharmacogenetic option on exome already sequenced at Eurofins Biomnis
ABCG2	Pharmacogenetic Passport - PharmacoPass Expert
ABDs	Anti-epidermal basement membrane and intracellular substance antibodies - serum
ABDs	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
ABETA 1-42 protein	TAU - PTAU - Amyloid proteins - LCR

Abilify®	Aripiprazole
ABO blood grouping - RH1(D)	
ABO system immune antibodies - anti-A anti-B - screening and titration	
Ac anti Glial acidic fibrillary protein	anti GFAP antibodies - Repeat testing - CSF - anti GFAP antibodies
AC ANTI RACH	Anti-acetylcholine receptor antibodies - serum
Ac anti soluble liver antigen	Anti-SLA antibodies - Soluble Liver Antigen - serum
ACD	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
ACD	Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R,
ACE - Angiotensin Converting Enzyme	
ACE - Angiotensin Converting Enzyme - BAL	
ACE - Angiotensin Converting Enzyme - Serum	
Acetoacetate	Ketone bodies - Deproteinized heparin whole blood sample or CSF
Acetoacetic acid	Ketone bodies - Deproteinized heparin whole blood sample or CSF
Acetylcholine Esterase - amniotic fluid	
Acetylcholine receptor - anti-antibodies	Anti-acetylcholine receptor antibodies - serum
AChE - amniotic fluid	Acetylcholine Esterase - amniotic fluid
Aciclovir	Valaciclovir - Plasma
Acid Alpha-1 glycoprotein	Orosomucoid - serum
Acid phosphatases total - serum	
Acide N-methylperfluoro-1-octanesulfonamidoacetique (NMeFOSAA)	Per- and polyfluoroalkyl compounds - 7 compounds panel - Serum
aCL	Anti-cardiolipin antibodies - IgM - Serum
aCL-IgG	Anti-cardiolipin antibodies - IgG - Serum
ACOA	Exome with interpretation interface
ACPA	Constitutional Molecular Karyotype-SNP ARRAY
ACPA	Constitutional Molecular Karyotype - SNP ARRAY - Product of conception
ACPA	exome
ACPA	Nephrology exome
ACPA	Re-evaluation - Constitutional Molecular Karyotyping
ACPA (Anti-Citrullinated Protein Antibodies)	Anti-cyclic citrullinated peptide antibodies - CCP2
Acquired FISH	Haematological and molecular cytogenetics - FISH
Acquired karyotypes	Blood karyotype
acquired molecular cytogenetics	Haematological and molecular cytogenetics - FISH
ACTH - Corticotrophin	
ACTH - Corticotrophin - evening	
ACTH - Corticotrophin - morning	
ActiTest	Fibrotest - Actitest - . - serum
ActiTest®	NASH-FibroTest - serum
ACTITEST	FibroMAX - . - serum
Activated Partial Thromboplastin Time - aPTT - plasma	
Activated protein C resistance - plasma	
Activated protein C resistance test	Activated protein C resistance - plasma
Active testosterone	Testosterone Bioavailable - Man - serum
Acute leukemia	Immunophenotyping of malignant hemopaties
ADA	Adenosine Deaminase - ADA
adalimumab	Adalimumab
Adalimumab	
ADAMTS13	Factor Willebrand protease activity - ADAMTS 13
Adenocarcinoma	Pancreatic oncogenetic panel Target genes : APC, ATM, BRCA1, BRCA2, CDK4,
Adenosine Deaminase - ADA	
adenovirus	Adenovirus - IgG serology - serum
Adenovirus	Respiratory Infection Panel - direct diagnosis - PCR
Adenovirus - IgG serology - serum	
Adenovirus - screening - Stools	
Adenovirus F 40/41	Gastrointestinal Panel - direct diagnosis - PCR - Stools
Adenylosuccinase - deficiency syndrome screening - urine	
ADH - Antidiuretic hormone	
ADH - Antidiuretic hormone - urine	
ADN bactérien	Designated bacterium - direct diagnosis - PCR

Adoport	Tacrolimus - FK-506
adrenal androgen	DHEAS - Dehydroepiandrosterone sulfate
Adrenal glands - anti-antibodies	Anti-adrenal gland antibodies - serum
Adrenaline	Catecholamines - free - Urine
Adrenaline	Free catécholamines
Adrenaline	Free catécholamines - children - Urine
Adrenocortical hormones - anti-antibodies	Anti-adrenal gland antibodies - serum
Adrenocorticotropic hormone	ACTH - Corticotrophin
ADTKD	MUC1 nanopore Nephropathie
ADV	Adenovirus - IgG serology - serum
Advagraf	Tacrolimus - FK-506
Aerobic / anaerobic bacteria - MIC: Minimum Inhibitory Concentration	
AFAP1	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Afinitor	Everolimus
Afipia felis	Bartonellosis - B. henselae - B. quintana - IgG serology - serum
AFP - Alpha fetoprotein - fluid	
AFP - Alpha fetoprotein - serum	
AFP - Alpha-fetoprotein - amniotic fluid	
African trypanosomiasis	Trypanosoma gambiense - serology - CSF
African trypanosomiasis	Trypanosoma gambiense - serology - serum
Age Check	Juvenalis - AgeCheck - man
Age Check	Juvenalis - AgeCheck - woman
AGL	Fatty acids free non-esterified - serum
AGNA	Anti- SOX1 antibodies - CSF
AGNA	Anti- SOX1 antibodies - serum
AGNE	Fatty acids free non-esterified - serum
AIBD	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
AIBDs	Anti-epidermal basement membrane and intracellular substance antibodies - serum
Akineton®	Biperiden - serum
AKT1	DNA NGS Panel solid tumor Breast
AKT1 - ALK - AR - ATM - BARD1 - BRAF - BRCA1 - BRCA2 - BRIP1 - CDK12 - CDK4 -	DNA NGS Panel solid tumor Pan-organ : 64 genes
ALA	delta-Aminolevulinic acid - urine
ALA U-	delta-Aminolevulinic acid - urine
Alatop	Specific IgE : inhalant allergen testing - Phadiatop®
Albuminuria	Proteins - dosage - urine
Aldosterone	
Aldosterone - Lying down	
Aldosterone - Standing or Sitting position	
Aldosterone - urine	
Aldrin	Pesticides - screening and/or dosage - urine
Alepsal®	Phenobarbital - Serum
ALK	RNA NGS panel for brain solid tumors
ALK	RNA NGS Panel for lung cancers
ALK	RNA NGS Panel for thyroid cancer
ALK	RNA NGS Panel solid tumors, Pan-organ : 65 genes
alkaline phosphatase electrophoresis	Alkaline phosphatases - isoenzymes - serum
Alkaline phosphatases - fluid	
Alkaline phosphatases - isoenzymes - serum	
Alkaline phosphatases - serum	
Alkaline phosphatases bone - serum	
Alkaptonuria	Homogentisic acid
ALL	Immunophenotyping of malignant hemopaties
Allèles HLA-C - génotypage	HLA-C genotyping (HLA de classe I) - Total EDTA blood
Allergens - food allergens - mix	Specific IgE : food allergens - allergen mix - serum
Allergens - food allergens - single	Specific IgE : Phadia - food allergens - single allergen
Allergens - hymenoptera venom	Specific IgE : hymenoptera venom - single allergen
Allergens - inhalant allergens - mix	Specific IgE : inhalant allergens - allergen mix
Allergens - inhalant allergens - single	Specific IgE inhalant allergens - single allergen - GSD Gold Standard Diagnostic -

Allergens - inhalant allergens - single	Specific IgE : Phadia - inhalant allergens - single allergen
Allergens - latex	Specific IgE : latex - single allergen
Allergens - medicines	Specific IgE medicines - single allergen - GSD Gold Standard Diagnostic - serum,
Allergens - medicines	Specific IgE medicines - single allergen-Phadia
allo platelet immunisation	Anti-platelet antibodies bound or free - screening and identification
Allo-immunization against RH3	Fetal RH3(E) - genotyping
Allo-immunization against RH4	Fetal RHc - genotyping
ALP	Alkaline phosphatases - fluid
ALP	Alkaline phosphatases - serum
ALP - isoenzymes	Alkaline phosphatases - isoenzymes - serum
Alpha interferon	Interferon alpha - biological fluid
Alpha interferon	Interferon alpha - CSF
Alpha interferon	Interferon alpha - serum
Alpha interferon - neutralizing antibody	Interferon alpha - neutralizing antibody - serum
Alpha subunit - hCG, FSH, LH, TSH - serum	
Alpha-1	Orosomucoid - serum
Alpha-1 Antitrypsin	Alpha-1 Antitrypsin - dosage - Serum
Alpha-1 Antitrypsin - clearance	Alpha-1 Antitrypsin - clearance
Alpha-1 Antitrypsin - clearance	
Alpha-1 Antitrypsin - dosage - Serum	
Alpha-1 Antitrypsin - PI phenotype	
Alpha-1 Antitrypsine - Testing for S and Z variants of the SERPINA1 gene	
Alpha-1 Microglobulin - Urine (urination)	
alpha-1-seromucoid	Orosomucoid - serum
Alpha-2 Antiplasmin - activity - plasma	
Alpha-2 Macroglobulin - serum	
Alpha-fetoprotein	AFP - Alpha fetoprotein - fluid
Alpha-fetoprotein	AFP - Alpha fetoprotein - serum
Alpha-fetoprotein - amniotic fluid	AFP - Alpha-fetoprotein - amniotic fluid
Alzheimer	TAU - PTAU - Amyloid proteins - LCR
Amaril virus	Yellow Fever - immunity test - serum
amarile	Yellow Fever - immunity test - serum
AMDA	Myosite Markers - serum
Amgevita	Adalimumab
AMH - Anti-Müllerian hormone	AMH - Anti-Müllerian hormone
AMH - Anti-Müllerian hormone	AMH - Anti-Müllerian hormone - Child
AMH - Anti-Müllerian hormone	
AMH - Anti-Müllerian hormone - Child	
Amibes	Gastrointestinal Panel - direct diagnosis - PCR - Stools
Amidolytic protein C assay	Protein C - activity - plasma
Amikacin - Serum	
Amiklin®	Amikacin - Serum
Amino acids - chromatography	
Amino acids - chromatography - urine	
Aminogram	Amino acids - chromatography
Aminogram	Amino acids - chromatography - urine
Aminolevulinate	delta-Aminolevulinic acid - urine
Aminophylline	Theophylline - Serum
Amiodarone + metabolite - Serum	
Amisulpride - Serum	
Amitriptyline - Serum	
AML	Immunophenotyping of malignant hemopaties
Ammonaemia - plasma	
Ammonia	Ammonaemia - plasma
Amoebae - test	Amoebiasis - serology - serum
Amoebiasis - serology	Amoebiasis - serology - serum
Amoebiasis - serology - serum	
Amoeboids - cysts screening	Parasitology - microscopy

Amoxicillin - Serum	
Amphetamines - dosage - plasma	
Amphetamines - dosage - urines	
Amplifications / Copy number gains: ALK; ERBB2; MET; NRAS; PIK3CA; FGFR3; PDGFRA;	Circulating tumor DNA NGS Panel - Peripheral blood from Cell Free DNA tube : ambiant
Amsparity	Adalimumab
Amyloid beta-protein	TAU - PTAU - Amyloid proteins - LCR
Amylose héréditaire à transthyrétine - Etude moléculaire du gène TTR par séquençage	
Anaerobic and aerobic bacteria - susceptibility testing	
Anafranil®	Clomipramine - Serum
Anaplasma phagocytophylum	Human ehrlichiosis - IgG/IgM serology - serum
Anaplasmose	Human ehrlichiosis - IgG/IgM serology - serum
Andersen-Tawil syndrome (ATS)	Cardiogenetic panel or exome
Androstanediol	3-Alpha-Androstanediol Glucuronide - serum
Androstanediol glucuronide	3-Alpha-Androstanediol Glucuronide - serum
Androstanolone	DHT - Dihydrotestosterone - serum
Androstenedione - Delta-4	D4A - Delta-4-Androstenedione - serum
Aneurin	Vitamin B1 - Thiamin
Angelman / Prader-Willi Syndrome - SNRPN methylation	
Angelman / Prader-Willi Syndrome - uniparental disomy - mechanism identification - amniotic	
Angelman / Prader-Willi Syndrome - uniparental disomy - mechanism identification - EDTA	
Angioconvertase	ACE - Angiotensin Converting Enzyme
Angioconvertase	ACE - Angiotensin Converting Enzyme - Serum
Angiostrongyliasis	Angiostrongylus cantonensis - serology - serum
Angiostrongylus cantonensis - serology - serum	
Angiotensin II - plasma	
Angiotensin-converting enzyme	ACE - Angiotensin Converting Enzyme
Angiotensin-converting enzyme	ACE - Angiotensin Converting Enzyme - BAL
Angiotensin-converting enzyme	ACE - Angiotensin Converting Enzyme - Serum
Anion gap	Electrolytes stool - Stool
anisakiasis - Specific IgE and IgG4 - serum	
anisakis	anisakiasis - Specific IgE and IgG4 - serum
Anisakis	anisakiasis - Specific IgE and IgG4 - serum
Annexin V - IgG - anti-antibodies	Anti-annexin V antibodies - IgG - serum
Anti RNAt synthetase antibodies	Myosite Markers - serum
Anti - GD1a antibodies	Anti-glycolipid antibodies - CSF
Anti - GD1a antibodies	Anti-glycolipid antibodies - serum
Anti - GD2 antibodies	Anti-glycolipid antibodies - CSF
Anti - GD2 antibodies	Anti-glycolipid antibodies - serum
Anti - GD3 antibodies	Anti-glycolipid antibodies - CSF
Anti - GD3 antibodies	Anti-glycolipid antibodies - serum
anti 2 glycoproteine 1 antibodies IgG	Anti phospholipids antibodies - Serum
anti 2 glycoproteine 1 antibodies IgM	Anti phospholipids antibodies - Serum
Anti - GM2 antibodies	Anti-glycolipid antibodies - CSF
Anti - GM2 antibodies	Anti-glycolipid antibodies - serum
Anti - GM4 antibodies	Anti-glycolipid antibodies - CSF
Anti - GM4 antibodies	Anti-glycolipid antibodies - serum
Anti - GT1a antibodies	Anti-glycolipid antibodies - CSF
Anti - GT1a antibodies	Anti-glycolipid antibodies - serum
Anti - GT1b antibodies	Anti-glycolipid antibodies - CSF
Anti - GT1b antibodies	Anti-glycolipid antibodies - serum
Anti - PM1 antibodies	Myosite Markers - serum
Anti -GM3 antibodies	Anti-glycolipid antibodies - CSF
Anti -GM3 antibodies	Anti-glycolipid antibodies - serum
Anti actin antibodies - screening	Anti-smooth muscle antibodies - screening and titration - serum
Anti alanyl RNAt synthetase antibodies (PL12)	Myosite Markers - serum
Anti Aquaporin 4 antibodies	Anti-neuromyelitis optica antibodies - serum
Anti Calcium sensor antibodies	Anti-Calcium Sensing Receptor antibodies - serum
Anti Cardiolipin IgG antibodies	Anti phospholipids antibodies - Serum

anti cardiolipin IgM antibodies	Anti phospholipids antibodies - Serum
Anti CASPR1	Paranodes antibodies (anti- NF155, NF186, CNTN1, CASPR1) - serum
Anti cerebellum antibodies/ anti PCA2 antibodies	Anti-neuron antibodies - CSF
Anti cerebellum antibodies/ anti PCA2 antibodies	Anti-neuron antibodies - serum
Anti cholinesterase antibodies	Anti-acetylcholine receptor antibodies - serum
Anti CNTN1	Paranodes antibodies (anti- NF155, NF186, CNTN1, CASPR1) - serum
Anti CRPM5/CV2 antibodies	Anti-neuron antibodies - serum
Anti deamidated gliadin peptides antibodies IgA - IgA - serum	
Anti deamidated gliadin peptides antibodies IgA - IgG - serum	
Anti DPG	Anti deamidated gliadin peptides antibodies IgA - IgA - serum
Anti endocrin pancreas antibodies	Anti-islet cell antibodies - ICA - serum
anti GFAP antibodies - Repeat testing - CSF - anti GFAP antibodies	
Anti gluten IgA antibodies	Anti-endomysium antibodies - IgA - serum
Anti gluten IgA antibodies	Human tissue transglutaminase antibody - IgA - serum
Anti gluten IgG antibodies	Anti-endomysium antibodies - IgG - serum
Anti gluten IgG antibodies	Human tissue transglutaminase antibody - IgG - serum
Anti heterophyll mononucleose antibodies	Epstein-Barr Virus - EBV - MNI test - serum
Anti Histidyl RNAt synthetase (JO1)	Myosite Markers - serum
Anti HMGCR antibodies - serum	
Anti IIa activity measurement - Dabigatran Etexilate	Dabigatran - Measurement of the Dabigatran anti Iia activity - plasma
Anti inteferon alpha antibodies	Interferon alpha - neutralizing antibody - serum
Anti isoleucyl RNAt synthetase antibodies(OJ)	Myosite Markers - serum
Anti MDA-5/CADM 140 antibodies	Myosite Markers - serum
Anti native DNA antibodies	Anti-DNA antibodies Double stranded DNA - Serum
Anti nervous synaptics antibodies (anti- NMDAR, AMPAR1, AMPAR 2, Lgi1, Caspr2,	
Anti NF155	Paranodes antibodies (anti- NF155, NF186, CNTN1, CASPR1) - serum
Anti NF186	Paranodes antibodies (anti- NF155, NF186, CNTN1, CASPR1) - serum
Anti PDH antibodies	Anti-mitochondrial antibodies - typing - serum
Anti phospholipids antibodies - Serum	
Anti pyruvate dehydrogenase antibodies	Anti-mitochondrial antibodies - typing - serum
Anti receptor tyrosine kinase antibodies	Anti-MuSK antibodies - serum
Anti ribonucleoproteine antibodies	Anti-ENA antibodies (SSA, SSB, Sm, Rnp, Jo1, Scl-70) - screening and titration - Serum
anti spike antibodies	COVID-19 (SARS-CoV-2) IgG serology anti-S
Anti tetanus antibodies	Tetanus - immunity test - IgG serology - serum
Anti threonyl RNAt synthetase antibodies (PL7)	Myosite Markers - serum
anti THSD7A antibodies	
Anti TIF p155/1400 antibodies	Myosite Markers - serum
Anti tubular basement membrane antibodies	Anti-glomerular basement membrane antibody - Serum
Anti Type II bovin collagen antibodies	Anti-type II collagen antibodies - serum
Anti ZNT8 antibodies - serum	
anti- AMPAR	Anti nervous synaptics antibodies (anti- NMDAR, AMPAR1, AMPAR 2, Lgi1, Caspr2,
anti- GABAB	Anti nervous synaptics antibodies (anti- NMDAR, AMPAR1, AMPAR 2, Lgi1, Caspr2,
anti- GlycR1	Anti nervous synaptics antibodies (anti- NMDAR, AMPAR1, AMPAR 2, Lgi1, Caspr2,
anti- mGluR1	Anti nervous synaptics antibodies (anti- NMDAR, AMPAR1, AMPAR 2, Lgi1, Caspr2,
anti- mGluR5	Anti nervous synaptics antibodies (anti- NMDAR, AMPAR1, AMPAR 2, Lgi1, Caspr2,
anti- protein 7A of thrombospondine antibodies	anti THSD7A antibodies
Anti- SOX1 antibodies - CSF	
Anti- SOX1 antibodies - serum	
Anti-21-hydroxylase antibodies - serum	
Anti-acetylcholine receptor antibodies - serum	
Anti-actin antibodies -	Anti-smooth muscle antibodies - screening and titration - serum
Anti-adrenal gland antibodies	Anti-adrenal gland antibodies - serum
Anti-adrenal gland antibodies - serum	
Anti-AKT	DNA NGS Panel for prostate cancer
Anti-ALK	RNA NGS Panel for lung cancers
Anti-AMPAR (CSF)	CSF
Anti-amphiphysin antibodies	Anti-neuron antibodies - CSF
Anti-amphiphysin antibodies	Anti-neuron antibodies - serum

Anti-annexin V antibodies - IgG - serum	
Anti-AQP4 antibodies	Anti-neuromyelitis optica antibodies - serum
Anti-ASGPR: asialoglycoprotein receptor	Anti-asialoglycoprotein receptor antibodies - serum
Anti-asialoglycoprotein receptor antibodies - serum	
Anti-B2GP1 antibodies - IgG	Anti-beta 2 glycoprotein 1 antibodies - B2GP1 - IgG - Serum
Anti-B2GP1 antibodies - IgM	Anti-beta 2 glycoprotein 1 antibodies - B2GP1 - IgM - Serum
Anti-basement membrane antibodies	Anti-epidermal basement membrane and intracellular substance antibodies - serum
Anti-basement membrane antibodies	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
Anti-beta 2 glycoprotein 1 antibodies - B2GP1 - IgG - Serum	
Anti-beta 2 glycoprotein 1 antibodies - B2GP1 - IgM - Serum	
Anti-BP180	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
Anti-BP180 NC16A	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
Anti-BP230	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
anti-BPAG1	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
anti-BPAG2	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
Anti-BRAF	DNA NGS Panel for cholangiocarcinoma
Anti-BRAF	DNA NGS Panel for thyroid cancer
Anti-C1q antibodies - serum	
Anti-calcium channel antibodies - serum	
Anti-Calcium Sensing Receptor antibodies - serum	
Anti-Calcium-Sensing Receptor antibodies	Anti-Calcium Sensing Receptor antibodies - serum
Anti-cardiolipin antibodies - IgG - Serum	
Anti-cardiolipin antibodies - IgM - Serum	
Anti-cartilage antibodies	Anti-type II collagen antibodies - serum
anti-Caspr2 antibodies	Anti-potassium channel antibodies / Lgi1 Caspr2 - CSF
anti-Caspr2 antibodies	Anti-potassium channel antibodies / Lgi1 Caspr2 - serum
anti-CaSR antibodies	Anti-Calcium Sensing Receptor antibodies - serum
Anti-CCP antibodies	Anti-cyclic citrullinated peptide antibodies - CCP2
Anti-Centromere antibodies (subunits A and B)	Markers in progressive systemic sclerosis(Scleroderma) - serum
Anti-citrulline antibodies	Anti-cyclic citrullinated peptide antibodies - CCP2
Anti-connectin antibodies	Anti-titin antibodies - serum
Anti-contactine	Paranodes antibodies (anti- NF155, NF186, CNTN1, CASPR1) - serum
Anti-CV2 antibodies	Anti-neuron antibodies - CSF
Anti-CV2 antibodies	Anti-neuron antibodies - serum
Anti-cyclic citrullinated peptide antibodies	Anti-cyclic citrullinated peptide antibodies - CCP2
Anti-cyclic citrullinated peptide antibodies - CCP2	
Anti-cytochrome P450 II D6 antibodies - screening	Anti-LKM antibodies - endoplasmic reticulum - screening - serum
Anti-cytochrome P450 II D6 antibodies - typing	Anti-LKM antibodies - endoplasmic reticulum - typing - serum
Anti-deamidated gliadin antibodies	Anti deamidated gliadin peptides antibodies IgA - IgA - serum
Anti-deamidated gliadin antibodies	Anti deamidated gliadin peptides antibodies IgA - IgG - serum
Anti-deamidated gliadin peptide antibodies	Anti deamidated gliadin peptides antibodies IgA - IgA - serum
Anti-deamidated gliadin peptide antibodies	Anti deamidated gliadin peptides antibodies IgA - IgG - serum
Anti-deamidated Gliadin Peptide Antibodies	Anti deamidated gliadin peptides antibodies IgA - IgA - serum
Anti-deaminated gliadin antibodies	Anti deamidated gliadin peptides antibodies IgA - IgG - serum
Anti-desmoglein 1 antibodies	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
Anti-desmoglein 3 antibodies	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
Anti-diphtheria toxin antibodies	Diphtheria - immunity test - IgG serology - serum
Anti-DNA antibodies double stranded - Farr test - serum	
Anti-DNA antibodies Double stranded DNA - Serum	
anti-DNER	Anti-Tr antibodies - CSF
anti-DNER	Anti-Tr antibodies - serum
Anti-double strand DNA antibodies	Anti-DNA antibodies double stranded - Farr test - serum
Anti-DPG antibodies	Anti deamidated gliadin peptides antibodies IgA - IgG - serum
anti-DPPX (CSF)	CSF
Anti-dsDNA antibodies	Anti-DNA antibodies Double stranded DNA - Serum
Anti-E1 protective antibodies	Rubella - Western blot - serum
anti-EGFR	DNA NGS Panel solid tumor Colon
Anti-EGFR	DNA NGS Panel solid tumor colo-rectal extended : 22 genes

Anti-EJ-antibodies	Myosite Markers - serum
Anti-ENA antibodies (SSA, SSB, Sm, Rnp, Jo1, Scl-70) - screening and titration - Serum	
Anti-endomysium antibodies - IgA - serum	
Anti-endomysium antibodies - IgG - serum	
Anti-endoplasmic reticulum antibodies - screening	Anti-LKM antibodies - endoplasmic reticulum - screening - serum
Anti-endoplasmic reticulum antibodies - typing	Anti-LKM antibodies - endoplasmic reticulum - typing - serum
Anti-epidermal antibodies	Anti-epidermal basement membrane and intracellular substance antibodies - serum
Anti-epidermal basement membrane and intracellular substance antibodies - serum	
Anti-erythrocyte antibodies - screening/identification	Indirect antiglobulin test - IAT - screening/identification
Anti-factor II antibodies - IgG	Anti-prothrombin antibodies - IgG - serum
Anti-factor IX antibodies - screening - Plasma	
Anti-Factor V antibodies - screening - Plasma	
Anti-factor VII antibodies - screening - Plasma	
Anti-factor VIII antibodies - screening - Plasma	
Anti-factor XI antibodies - screening - Plasma	
Anti-factor XII antibodies - screening - Plasma	
Anti-FGFR2	RNA NGS Panel for cholangiocarcinoma
Anti-FI antibodies	Anti-intrinsic factor antibodies - serum
Anti-Fibrillarin antibodies	Markers in progressive systemic sclerosis(Scleroderma) - serum
Anti-filagrin antibodies	Anti-cyclic citrullinated peptide antibodies - CCP2
Anti-Francisella tularensis antibodies	Tularemia - Francisella tularensis - serology total antibodies - serum
Anti-GAD antibodies - CSF	
Anti-GAD antibodies - serum	
Anti-GAD65 antibodies	Anti-GAD antibodies - CSF
Anti-GAD65 antibodies	Anti-GAD antibodies - serum
Anti-ganglioside antibodies	Anti-glycolipid antibodies - CSF
Anti-ganglioside antibodies	Anti-glycolipid antibodies - serum
Anti-gastric cell antibodies	Anti-parietal cell antibodies - stomach - serum
Anti-GBM antibodies	Anti-glomerular basement membrane antibody - Serum
Anti-GD1b antibodies	Anti-glycolipid antibodies - CSF
Anti-GD1b antibodies	Anti-glycolipid antibodies - serum
anti-glial nuclear antibodies	Anti- SOX1 antibodies - CSF
anti-glial nuclear antibodies	Anti- SOX1 antibodies - serum
Anti-glomerular basement membrane antibody - Serum	
Anti-glycolipid antibodies - CSF	
Anti-glycolipid antibodies - serum	
Anti-GM1 antibodies	Anti-glycolipid antibodies - CSF
Anti-GM1 antibodies	Anti-glycolipid antibodies - serum
Anti-GP210 antibodies - serum	
Anti-GQ1b antibodies	Anti-glycolipid antibodies - CSF
Anti-GQ1b antibodies	Anti-glycolipid antibodies - serum
Anti-H+ K+ ATPase antibodies	Anti-proton pump antibodies - serum
Anti-HA abs	Influenza A and B - IgG serology - serum
Anti-HBc IgG antibodies	Hepatitis B - anti-HBc antibodies - IgM - serum
Anti-HDV IgM antibodies	Hepatitis Delta - IgM antibody - serum
Anti-heparin antibodies	Anti-PF4 antibodies - heparin - plasma
Anti-hepatitis C antibodies - screening test	Hepatitis C - screening serology - Serum
Anti-HER2	DNA NGS Panel for cholangiocarcinoma
Anti-HER2	DNA NGS Panel solid tumor Breast
Anti-HEV antibodies - IgG	Hepatitis E - IgG antibody - serum
Anti-HEV IgM antibodies	Hepatitis E - IgM antibody - serum
Anti-Hib antibodies	Haemophilus influenzae B - IgG serology - serum
Anti-histone antibodies - serum	
anti-HLA antibodies - classes I and II - transplant - serum	
Anti-HMG-CoA reductase Antibody	Anti HMGCR antibodies - serum
Anti-Hu antibodies	Anti-neuron antibodies - CSF
Anti-Hu antibodies	Anti-neuron antibodies - serum
Anti-IA-2 antibodies	Anti-tyrosine phosphatase antibodies - IA-2 - serum

Anti-ICS antibodies	Anti-epidermal basement membrane and intracellular substance antibodies - serum
Anti-IDH1	DNA NGS Panel for cholangiocarcinoma
Anti-IgA antibodies - serum	
Anti-iGluR2	Anti-NMDA receptor antibodies - CSF
Anti-immunoglobulin A antibodies	Anti-IgA antibodies - serum
anti-Infliximab antibodies	Infliximab
Anti-insulin antibodies - serum	
Anti-integrase agents	HIV-1 Resistance Genotyping to antiretroviral drugs: reverse transcriptase, protease,
Anti-intercellular substance antibodies	Anti-epidermal basement membrane and intracellular substance antibodies - serum
Anti-intercellular substance antibodies	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
Anti-intrinsic factor antibodies - serum	
Anti-ISC	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
Anti-islet cell antibodies - ICA - serum	
Anti-Jo1 antibodies	Anti-ENA antibodies (SSA, SSB, Sm, Rnp, Jo1, Scl-70) - screening and titration - Serum
Anti-keratin antibodies	Anti-cyclic citrullinated peptide antibodies - CCP2
Anti-Ku antibodies	Markers in progressive systemic sclerosis(Scleroderma) - serum
Anti-Ku antibodies	Myosite Markers - serum
Anti-lactoferrin antibodies and anti carbonic anhydrase antibodies - serum	
Anti-leukoplatelet antibodies	anti-HLA antibodies - classes I and II - transplant - serum
Anti-Leydig cell antibodies	Anti-testicular antibodies - serum
anti-Lg1 antibodies	Anti-potassium channel antibodies / Lgi1 Caspr2 - CSF
anti-Lgi1 antibodies	Anti-potassium channel antibodies / Lgi1 Caspr2 - serum
Anti-liver cytosol type 1 antibodies - LC1 - confirmation - serum	
Anti-liver cytosol type 1 antibodies - LC1 - screening - serum	
Anti-liver-kidney microsomal antibodies - LKM1 - screening	Anti-LKM antibodies - endoplasmic reticulum - screening - serum
Anti-liver-kidney microsomal antibodies - LKM1 - typing	Anti-LKM antibodies - endoplasmic reticulum - typing - serum
Anti-LKM1 antibodies - screening	Anti-LKM antibodies - endoplasmic reticulum - screening - serum
Anti-LKM1 antibodies - typing	Anti-LKM antibodies - endoplasmic reticulum - typing - serum
Anti-LKM antibodies - endoplasmic reticulum - screening - serum	
Anti-LKM antibodies - endoplasmic reticulum - typing - serum	
Anti-LP/SLA antibodies	Anti-SLA antibodies - Soluble Liver Antigen - serum
Anti-M2 - screening and titration	Anti-mitochondrial antibodies - screening and titration - serum
Anti-M2 antibodies	Anti-mitochondrial antibodies - typing - serum
Anti-M2 antibodies - typing	Anti-mitochondrial antibodies - typing - serum
Anti-Ma2 antibodies	Anti-neuron antibodies - CSF
Anti-Ma2 antibodies	Anti-neuron antibodies - serum
Anti-MAG antibodies - serum	
Anti-MB	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
Anti-MEK	DNA NGS Panel for cholangiocarcinoma
Anti-MET	RNA NGS Panel for lung cancers
Anti-MGT30 antibodies	Anti-titin antibodies - serum
Anti-Mi2 antibodies	Myosite Markers - serum
Anti-microcosmal thyroidian antibodies	Anti-thyroid peroxidase antibodies
Anti-mitochondrial antibodies - screening and titration - serum	
Anti-mitochondrial antibodies - typing - serum	
Anti-Morbillivirus antibodies - IgG/IgM	Measles - IgG/IgM serology - serum
Anti-MPO antibodies - myeloperoxidase - Serum	
Anti-Müllerian hormone	AMH - Anti-Müllerian hormone
Anti-Müllerian hormone	AMH - Anti-Müllerian hormone - Child
Anti-MuSK antibodies - serum	
Anti-myelin antibodies - serum	
Anti-myelin-associated glycoprotein antibodies	Anti-MAG antibodies - serum
Anti-myeloperoxidase antibodies	Anti-MPO antibodies - myeloperoxidase - Serum
Anti-Myosin antibodies	Anti-striated muscle antibodies - serum
anti-N	COVID-19 (SARS-CoV-2) serology (total Ig) anti-N
Anti-N-methyl-D-aspartate receptor antibodies	Anti-NMDA receptor antibodies - serum
Anti-Natalizumab antibodies - serum	
anti-NC16A	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-

Anti-neurofascine	Paranodes antibodies (anti- NF155, NF186, CNTN1, CASPR1) - serum
Anti-neuromuscular junction antibodies	Anti-acetylcholine receptor antibodies - serum
Anti-neuromyelitis optica antibodies - CSF	
Anti-neuromyelitis optica antibodies - serum	
Anti-neuron antibodies - CSF	
Anti-neuron antibodies - serum	
Anti-NMDA receptor antibodies - CSF	
Anti-NMDA receptor antibodies - serum	
Anti-NMO antibodies	Anti-neuromyelitis optica antibodies - serum
Anti-node of Ranvier glycoproteins	Paranodes antibodies (anti- NF155, NF186, CNTN1, CASPR1) - serum
Anti-NOR 90 antibodies	Markers in progressive systemic sclerosis(Scleroderma) - serum
Anti-NR2 glutamate receptors antibodies	Anti-NMDA receptor antibodies - CSF
Anti-NR2 (NMDA receptor)	Anti-NMDA receptor antibodies - CSF
anti-nucleocapsid	COVID-19 (SARS-CoV-2) serology (total Ig) anti-N
Anti-nucleosome antibodies - serum	
Anti-NXP2 (p140/MJ) antibodies	Myosite Markers - serum
Anti-OJ-antibodies	Myosite Markers - serum
Anti-ovarian antibodies - serum	
Anti-parietal cell antibodies	Anti-parietal cell antibodies - stomach - serum
Anti-parietal cell antibodies - stomach - serum	
Anti-PARP	DNA NGS Panel for pancreatic cancer
Anti-PARP	DNA NGS Panel for prostate cancer
Anti-PDGFR antibodies	Markers in progressive systemic sclerosis(Scleroderma) - serum
Anti-PE antibodies - IgG	Anti-phosphatidylethanolamine antibodies - IgG - serum
Anti-PE antibodies - IgM	Anti-phosphatidylethanolamine antibodies - IgM - serum
Anti-perinuclear antibodies	Anti-cyclic citrullinated peptide antibodies - CCP2
Anti-PF4 antibodies - heparin - plasma	
Anti-phosphatidylethanolamine antibodies - IgG - serum	
Anti-phosphatidylethanolamine antibodies - IgM - serum	
Anti-phospholipase A2	anti-PLA2R antibodies
anti-phospholipase A2 receptor antibodies	anti-PLA2R antibodies
Anti-phospholipides antibodies	Anti-cardiolipin antibodies - IgG - Serum
Anti-phospholipides antibodies	Anti-cardiolipin antibodies - IgM - Serum
Anti-PL12 antibodies	Myosite Markers - serum
Anti-PL7 antibodies	Myosite Markers - serum
anti-PLA2R antibodies	
Anti-platelet antibodies bound or free - screening and identification	
Anti-platelet factor 4 antibodies	Anti-PF4 antibodies - heparin - plasma
Anti-PM100-antibodies	Myosite Markers - serum
Anti-PM-Scl antibodies	Myosite Markers - serum
Anti-PM75-antibodies	Myosite Markers - serum
Anti-PM/Scl antibodies (subunits 75 and 100)	Markers in progressive systemic sclerosis(Scleroderma) - serum
Anti-podocyte antibodies	anti THSD7A antibodies
Anti-potassium channel antibodies / Lgi1 Caspr2 - CSF	
Anti-potassium channel antibodies / Lgi1 Caspr2 - serum	
Anti-PR3 antibodies - proteinase 3 - Serum	
Anti-profilaggrin antibodies	Anti-cyclic citrullinated peptide antibodies - CCP2
Anti-proteinase 3 antibodies	Anti-PR3 antibodies - proteinase 3 - Serum
Anti-prothrombin antibodies - IgG - serum	
Anti-proton pump antibodies - serum	
Anti-rabies antibodies	Rabies - IgG serology - serum
Anti-recoverin antibodies	Anti-retina antibodies - serum
Anti-RET	RNA NGS Panel for lung cancers
Anti-RET	RNA NGS Panel for thyroid cancer
Anti-retina antibodies - serum	
anti-rGABAb (CSF)	CSF
Anti-Ri antibodies	Anti-neuron antibodies - CSF
Anti-Ri antibodies	Anti-neuron antibodies - serum

Anti-ribosome antibodies - serum	
Anti-Rickettsia conorii, typhi antibodies - IgG	Rickettsioses - R. conorii, R. typhi - serology - serum
Anti-RNA polymerase III antibodies (subunits RP 11 and 155)	Markers in progressive systemic sclerosis(Scleroderma) - serum
Anti-Rnp antibodies	Anti-ENA antibodies (SSA, SSB, Sm, Rnp, Jo1, Scl-70) - screening and titration - Serum
Anti-Ro antibodies	Anti-ENA antibodies (SSA, SSB, Sm, Rnp, Jo1, Scl-70) - screening and titration - Serum
Anti-ROS1	RNA NGS Panel for lung cancers
anti-S	COVID-19 (SARS-CoV-2) IgG serology anti-S
Anti-Saccharomyces cerevisiae antibodies - IgG/IgA - serum	
Anti-SAE1 antibodies	Myosite Markers - serum
Anti-SAE2 antibodies	Myosite Markers - serum
anti-SARS-CoV-2 spike IgG antibodies	COVID-19 (SARS-CoV-2) IgG serology anti-S
[Anti-Scl-70 antibodies	Markers in progressive systemic sclerosis(Scleroderma) - serum
Anti-Scl-70 antibodies	Anti-ENA antibodies (SSA, SSB, Sm, Rnp, Jo1, Scl-70) - screening and titration - Serum
Anti-skin antibodies	Anti-epidermal basement membrane and intracellular substance antibodies - serum
Anti-skin antibodies	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
Anti-SLA antibodies - Soluble Liver Antigen - serum	
Anti-SLA/LP antibodies	Anti-SLA antibodies - Soluble Liver Antigen - serum
Anti-Sm antibodies	Anti-ENA antibodies (SSA, SSB, Sm, Rnp, Jo1, Scl-70) - screening and titration - Serum
Anti-smooth muscle antibodies - screening and titration - serum	
Anti-SNA antibodies	Anti-ENA antibodies (SSA, SSB, Sm, Rnp, Jo1, Scl-70) - screening and titration - Serum
Anti-sperm antibodies - indirect screening	
Anti-sphingolipides antibodies	Anti-glycolipid antibodies - serum
Anti-SRP antibodies	Myosite Markers - serum
Anti-SSA, anti-SSB antibodies	Anti-ENA antibodies (SSA, SSB, Sm, Rnp, Jo1, Scl-70) - screening and titration - Serum
Anti-streptococcal enzyme antibodies - ASLO	Streptococcus A - Serology- Ac anti streptolysin O (ASLO) - serum
Anti-streptodornase antibodies	Streptococcus A- Serology-Abs to streptodornase B (ASD) - serum
Anti-streptolysin-O antibodies	Streptococcus A - Serology- Ac anti streptolysin O (ASLO) - serum
Anti-striated muscle antibodies - serum	
Anti-sulfatides antibodies	Anti-glycolipid antibodies - CSF
Anti-sulfatides antibodies	Anti-glycolipid antibodies - serum
Anti-T3 antibodies - triiodothyronine - serum	
Anti-T4 antibodies - thyroxine - serum	
Anti-testicular antibodies - serum	
Anti-tetanus antibodies - vaccination control	Tetanus - immunity test - IgG serology - serum
Anti-Tg antibodies	Anti-thyroglobulin antibodies
Anti-TH/TO antibodies	Markers in progressive systemic sclerosis(Scleroderma) - serum
Anti-thyroglobulin antibodies	
Anti-thyroid peroxidase antibodies	
Anti-thyroidean antibodies	Anti-thyroglobulin antibodies
Anti-thyroidean antibodies	Anti-thyroid peroxidase antibodies
Anti-thyroxine antibodies	Anti-T4 antibodies - thyroxine - serum
Anti-titin antibodies - CSF	
Anti-titin antibodies - serum	
anti-TNF	Adalimumab
anti-TNF	Infliximab
Anti-topoisomerase antibodies - screening	Anti-ENA antibodies (SSA, SSB, Sm, Rnp, Jo1, Scl-70) - screening and titration - Serum
Anti-Toxoplasma gondii antibodies - IgG/IgM	Toxoplasmosis - IgG/IgM serology - serum
Anti-TPO antibodies	Anti-thyroid peroxidase antibodies
Anti-Tr antibodies - CSF	
Anti-Tr antibodies - serum	
Anti-transglutaminase antibodies	Human tissue transglutaminase antibody - IgA - serum
Anti-Trichinella spiralis antibodies - confirmation serology	Trichinosis - confirmation serology - serum
Anti-Trichinella spiralis antibodies - IgG serology	Trichinosis - IgG serology - serum
Anti-triiodothyronine antibodies	Anti-T3 antibodies - triiodothyronine - serum
Anti-TRK	RNA NGS Panel for cholangiocarcinoma
Anti-TRK	RNA NGS Panel for pancreatic cancer
Anti-TRK	RNA NGS Panel for thyroid cancer
Anti-tRNA synthetase antibodies	Myosite Markers - serum

Anti-Trypanosoma brucei gambiense antibodies	Trypanosoma gambiense - serology - CSF
Anti-Trypanosoma brucei gambiense antibodies	Trypanosoma gambiense - serology - serum
Anti-Trypanosoma cruzi antibodies	Trypanosoma cruzi - serology
Anti-TSH receptor antibodies	
Anti-type II collagen antibodies - serum	
Anti-tyrosine phosphatase antibodies - IA-2 - serum	
Anti-U1RNP antibodies	Anti-ENA antibodies (SSA, SSB, Sm, Rnp, Jo1, Scl-70) - screening and titration - Serum
anti-Védolizumab	Vedolizumab - serum
Anti-VGCC antibodies	Anti-calcium channel antibodies - serum
anti-VGKC antibodies	Anti-potassium channel antibodies / Lgi1 Caspr2 - CSF
Anti-VGKC antibodies	Anti-potassium channel antibodies / Lgi1 Caspr2 - serum
Anti-VZV antibodies - IgM	Varicella zoster virus - IgM Serology - serum
Anti-Xa	Anti-Xa activity : Standard heparin - NFH - plasma
Anti-Xa - Arixtra®	Anti-Xa activity : Fondaparinux - Arixtra - plasma
Anti-Xa - Danaparoid	Anti-Xa activity : Danaparoid - Orgaran - plasma
Anti-Xa - LMWH	Anti-Xa activity : low molecular weight heparin - LMWH - plasma
Anti-Xa - Orgaran®	Anti-Xa activity : Danaparoid - Orgaran - plasma
Anti-Xa activity : Danaparoid - Orgaran - plasma	
Anti-Xa activity : Fondaparinux - Arixtra - plasma	
Anti-Xa activity : low molecular weight heparin - LMWH - plasma	
Anti-Xa activity : Standard heparin - NFH - plasma	
Anti-Xa activity - Arixtra®	Anti-Xa activity : Fondaparinux - Arixtra - plasma
Anti-Xa activity - low molecular weight heparin	Anti-Xa activity : low molecular weight heparin - LMWH - plasma
Anti-Xa activity - Orgaran®	Anti-Xa activity : Danaparoid - Orgaran - plasma
Anti-Yersinia Outer Protein antibodies	Anti-YOP antibodies - IgG - serum
Anti-Yo antibodies	Anti-neuron antibodies - CSF
Anti-Yo antibodies	Anti-neuron antibodies - serum
Anti-YOP antibodies - IgG - serum	
Anti-ZC4 antibodies - CSF	
Anti-ZC4 antibodies - serum	
Anti-zinc transporter protein antibodies	Anti ZNT8 antibodies - serum
Anti-zona pellucida antibodies	Anti-ovarian antibodies - serum
Antibiogramme	Anaerobic and aerobic bacteria - susceptibility testing
Antibiotic multi-resistant bacteria (MRB) - screening	
Antibody	DNA NGS Panel solid tumor Breast
antibody avidity - rubella	Rubella - antibody avidity - IgG - serum
anticorps anti-adalimumab	Adalimumab
Anticorps anti-Ustekinumab	Ustekinumab - serum
Antidepressants - screening - identification - dosage - urine	
Antidepressants screening- identification - without dosage	
Antidiuretic hormone	ADH - Antidiuretic hormone
Antidiuretic hormone	ADH - Antidiuretic hormone - urine
Antigen - Helicobacter pylori	Helicobacter pylori - antigen - Stools
Antigène P24	HIV-1: Qualitative RNA detection, suspected primary infection - serum
Antigènes leucoplaquettaires HLA de classe 1	HLA-C genotyping (HLA de classe I) - Total EDTA blood
Antihaemophilic A - factor	Factor VIII - Antihaemophilic A - plasma
Antihaemophilic B - factor	Factor IX - Antihaemophilic B - plasma
Antihaemophilic factor A	Factor VIII - Antihaemophilic A - plasma
Antihaemophilic factor B	Factor IX - Antihaemophilic B - plasma
Antihaemorrhagic factor	Vitamin K1 - Phylloquinone
Antiplasmin - Alpha 2	Alpha-2 Antiplasmin - activity - plasma
Antithrombin - activity	Antithrombin - functional activity - plasma
Antithrombin - antigen - plasma	
Antithrombin - antigen or quantitation	Antithrombin - antigen - plasma
Antithrombin - functional activity - plasma	
AP50	50% haemolysis time - alternative pathway complement - serum
Aparoxal	Phenobarbital - Serum
APC	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-

APC	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM,
APC virus	Adenovirus - IgG serology - serum
APC virus	Adenovirus - screening - Stools
APCAM	Pancreatic oncogenetic panel Target genes : APC, ATM, BRCA1, BRCA2, CDK4,
Apixaban(Eliquis ®) - Anti Xa activity measurement - plasma	
Apo A1	Apolipoprotein A1 - serum
Apo C3	Apolipoprotein C3 - serum
ApoB	Apolipoprotein B - serum
Apolipoprotein A1 - serum	
Apolipoprotein B - serum	
Apolipoprotein C3 - serum	
APTT	Activated Partial Thromboplastin Time - aPTT - plasma
APTT, activated partial thromboplastin time	Activated Partial Thromboplastin Time - aPTT - plasma
AR	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Arbovirosis	Tick-borne encephalitis - TBE - IgG/IgM serology - serum
Arbovirus	Dengue fever - direct diagnosis - PCR
Arbovirus	Dengue fever - IgG/IgM serology - serum
Arginine - Vasopressin	ADH - Antidiuretic hormone
Arginine - Vasopressin	ADH - Antidiuretic hormone - urine
Aripiprazole	
Arixtra® - anti-Xa	Anti-Xa activity : Fondaparinux - Arixtra - plasma
ARN ribosomal 16S	Detection and identification bacterial DNA - 16S PCR by NGS sequencing
Arrhythmogenic cardiomyopathy	Cardiogenetic panel or exome
Arrhythmogenic Right Ventricular Dysplasia	Cardiogenetic panel or exome
Arsenic - inorganic an metabolites derivatives - urine	
ASCA	Anti-Saccharomyces cerevisiae antibodies - IgG/IgA - serum
Ascariasis - serology - serum	
Ascaris	Ascariasis - serology - serum
ASD	Streptococcus A- Serology-Abs to streptodornase B (ASD) - serum
ASDB	Streptococcus A- Serology-Abs to streptodornase B (ASD) - serum
ASDOR	Streptococcus A- Serology-Abs to streptodornase B (ASD) - serum
AshTest	FibroMAX - . - serum
AshTest®	NASH-FibroTest - serum
Asialotransferrin	Carbohydrate-deficient transferrin - serum
ASLO	Streptococcus A - Serology- Ac anti streptolysin O (ASLO) - serum
ASMA	Anti-smooth muscle antibodies - screening and titration - serum
Aspergillose invasiv	Aspergillosis - soluble antigen - testing - serum
Aspergillosis	Fungus - Yeasts - MIC: Minimum Inhibitory Concentration
Aspergillosis	Fungus - Yeasts - screening
Aspergillosis - confirmation serology - serum	
Aspergillosis - soluble antigen - testing - BAL	
Aspergillosis - soluble antigen - testing - serum	
Aspergillosis IgG serology screening - serum	
Aspergillosis precipitins	Aspergillosis IgG serology screening - serum
Aspergillus	Fungus - Yeasts - MIC: Minimum Inhibitory Concentration
Aspergillus	Fungus - Yeasts - screening
Aspergillus flavus	Aspergillosis - confirmation serology - serum
Aspergillus flavus	Aspergillosis IgG serology screening - serum
Aspergillus fumigatus	Aspergillosis - confirmation serology - serum
Aspergillus fumigatus	Aspergillosis IgG serology screening - serum
Aspergillus nidulans	Aspergillosis - confirmation serology - serum
Aspergillus nidulans	Aspergillosis IgG serology screening - serum
Aspergillus niger	Aspergillosis - confirmation serology - serum
Aspergillus niger	Aspergillosis IgG serology screening - serum
Aspergillus precipitins	Aspergillosis - confirmation serology - serum
Aspergillus terreus	Aspergillosis IgG serology screening - serum
Aspergillus versicolor	Aspergillosis - confirmation serology - serum
Aspergillus versicolor	Aspergillosis IgG serology screening - serum

Astrocytoma	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
Astrovirus	Gastrointestinal Panel - direct diagnosis - PCR - Stools
Astrovirus/Sapovirus	Gastrointestinal Panel - direct diagnosis - PCR - Stools
AT	Antithrombin - functional activity - plasma
AT - antigen or quantitation	Antithrombin - antigen - plasma
ATF1	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Athymil®	Mianserin - Serum
ATM	DNA NGS Panel for prostate cancer
ATM	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
ATM	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A,
ATM	Pancreatic oncogenetic panel Target genes : APC, ATM, BRCA1, BRCA2, CDK4,
ATM	Panel Hereditary breast ovarian cancer and prostate Gènes ciblés: ATM, BRCA1,
ATP1B1	RNA NGS Panel solid tumors, Pan-organ : 65 genes
attachment inhibitor	HIV-1 Resistance Genotyping to antiretroviral drugs: envelope gene, tropism (RNA) -
atypic	Mycobactéria - identification
Australia Antigen	Hepatitis B - Qualitative HBs antigen - serum
Autoimmune blistering diseases	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
Autoimmune bullous dermatoses	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
Autoimmune Bullous Dermatoses	Anti-epidermal basement membrane and intracellular substance antibodies - serum
Autoimmune Bullous Diseases	Anti-epidermal basement membrane and intracellular substance antibodies - serum
Autoimmune pancreatitis	Anti-lactoferrin antibodies and anti carbonic anhydrase antibodies - serum
Autosomal dominant tubulointerstitial nephropathy	MUC1 nanopore Nephropathie
Avidity index of anti-Toxoplasma gondii IgG	Toxoplasmosis - antibody avidity - IgG - serum
Avidity of anti-Toxoplasma gondii IgG	Toxoplasmosis - antibody avidity - IgG - serum
Avlocardyl®	Propranolol - Serum
Axepim®	Cefepime - Serum
Axerophtol	Vitamin A - Retinol - Plasma
B19 - IgG serology	Parvovirus B19 - immunity test - serum
B19 - IgG/IgM serology	Parvovirus B19 - IgG/IgM serology - serum
B factor	Factor B - complement fraction - serum
B-ALP	Alkaline phosphatases bone - serum
B-AP	Alkaline phosphatases bone - serum
B2M	Beta-2 microglobulin - CSF
B2M	Beta-2 microglobulin - serum
B2M	Beta-2 microglobulin - urine
B-type natriuretic peptide	NT-proBNP - N-Terminal Pro-Brain Natriuretic Peptide - serum
Babesia	Human babesiosis - serology - serum
Bacillus cereus	Cereulide toxin - stool
Bacteria - screening	
Bactérie aérobie	Anaerobic and aerobic bacteria - susceptibility testing
Bactérie anaérobie	Anaerobic and aerobic bacteria - susceptibility testing
BAP1	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
BAP1	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A,
BAP1	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
BAP1	Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R,
Baraclude	Entecavir - plasma
Barbiturate	Phenobarbital - Serum
Barbituremia (barbiturate levels).	Phenobarbital - Serum
Bartonella	Bartonellosis - B. henselae - B. quintana - IgG serology - serum
Bartonella	Bartonellosis - direct diagnosis - PCR
Bartonelle	Bartonellosis - direct diagnosis - PCR
Bartonellosis - B. henselae - B. quintana - IgG serology - serum	
Bartonellosis - direct diagnosis - PCR	
basedow desease	Anti-TSH receptor antibodies
Batten disease	Lipofuscinosis Neuronal Ceroide enzymatic deficiency - EDTA whole blood
BCHE	Pharmacogenetic option on exome already sequenced at Eurofins Biomnis
BCHE	Pharmacogenetic Passport - PharmacoPass Expert
BCOR	RNA NGS Panel for soft tissue tumors : 20 genes

BCOR	RNA NGS Panel solid tumors, Pan-organ : 65 genes
BCR-ABL mutation	tyrosine kinase ABL mutation
Béagyne®	Fluconazole - Serum
Behçet's disease B51 (B5) retinitis birdshot A29	Class I HLA - HLA-A and HLA-B genotyping - EDTA whole blood
Bence Jones - screening	
Bence Jones protein	Bence Jones - screening
Bence Jones proteinuria	Bence Jones - screening
Benepali ®	Etanercept - serum
Benzo	Benzodiazepines - screening and identification - Serum
Benzodiazepines - identification - urine	
Benzodiazepines - screening and identification	
Benzodiazepines - screening and identification - Serum	
Benzodiazepines - screening without identification - Urine (urination)	
Benzoylecgonine	Cocaine - dosage - plasma
Benzoylecgonine	Cocaine - dosage - urines
Beta 2 GP1 - anti-antibodies	Anti-beta 2 glycoprotein 1 antibodies - B2GP1 - IgG - Serum
Beta 2 GP1 - anti-antibodies	Anti-beta 2 glycoprotein 1 antibodies - B2GP1 - IgM - Serum
Beta Cross-Laps	CrossLaps - Serum
Beta-2 microglobulin - CSF	
Beta-2 microglobulin - serum	
Beta-2 microglobulin - urine	
Beta-carotene	
Beta-D-Glucan antigen - screening	
Beta-hCG - free chain	hCG - free beta chain - subunit - serum
Beta-hCG - holo-hCG	hCG - free beta chain - subunit - serum
beta-Hydroxybutyric acid	Ketone bodies - Deproteinized heparin whole blood sample or CSF
bêta-lactamase à spectre étendu	Antibiotic multi-resistant bacteria (MRB) - screening
Beta-subunit - Free hCG	hCG - free beta chain - subunit - serum
Betahydroxybutyrate	Ketone bodies - Deproteinized heparin whole blood sample or CSF
Bevacizumab - serum	
BGP	Osteocalcin - Serum
BICC1	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Bictegravir - Serum	
Big Big prolactin	Prolactin - molecular forms - serum
Big prolactin	Prolactin - molecular forms - serum
Biktarvy	Bictegravir - Serum
Bile acids - chromatography - serum	
Bile acids - serum	
Bile salts	Bile acids - chromatography - serum
Bile salts	Bile acids - serum
bilharzia	Schistosomiasis - direct diagnosis - PCR
biliarys lithiasis	Gallstones/Saliva/Other - morphologic and infrared analysis
biliarys stone	Gallstones/Saliva/Other - morphologic and infrared analysis
Bilirubin - total - free - combined - serum	
Bioactive testosterone	Testosterone Bioavailable - Man - serum
Biotin	Vitamin B8 or H - Biotin
Biperiden - serum	
Bispecific anti-HER2/HER3 antibodies	RNA NGS Panel for pancreatic cancer
Bisphenol	Bisphenols - urines - Bisphenols
Bisphenol A -BPA	Bisphenols - urines - Bisphenols
Bisphenol F -BPF	Bisphenols - urines - Bisphenols
Bisphenol S -BPS	Bisphenols - urines - Bisphenols
Bisphenol Z -BPZ	Bisphenols - urines - Bisphenols
Bisphenols - urines - Bisphenols	
BK	Mycobacteria - PCR M. tuberculosis complex (BKBM)
BK - culture	Mycobacteria - culture
BK - direct test	Mycobacteria - direct examination
BK - identification	Mycobactéria - identification

BK - susceptibility testing	Mycobacteria - susceptibility testing
BK polyomavirus - molecular diagnosis	Polyomavirus BK - viral load
BK polyomavirus - PCR	Polyomavirus BK - viral load
BKV polyomavirus	Polyomavirus BK - viral load
Black fever	Leishmaniasis - direct diagnosis - PCR
Blast cell phenotype	Immunophenotyping of malignant hemopaties
Blasts	Immunophenotyping of malignant hemopaties
Blitzima®	Rituximab - serum
Blood alcohol content	Ethyl alcohol - serum
Blood group determination	ABO blood grouping - RH1(D)
blood grouping - genotyping - EDTA whole blood	
Blood karyotype	
blot test	Full Neonatal screen - . - blotting paper
BM	Anti-epidermal basement membrane and intracellular substance antibodies - serum
BM	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
BMPR1A	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
BMPR1A	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM,
BNP - Brain Natriuretic Peptide - Plasma	
BNP precursor	NT-proBNP - N-Terminal Pro-Brain Natriuretic Peptide - serum
Bocavirus	Respiratory Infection Panel - direct diagnosis - PCR
Bone ALPs	Alkaline phosphatases bone - serum
Bone Gla Protein	Osteocalcin - Serum
Bone GLA protein	Osteocalcin - Serum
Bone-specific alkaline phosphatase	Alkaline phosphatases bone - serum
Bordet-Gengou Bacillus	Whooping cough - Bordetella pertussis and parapertussis - direct diagnosis - PCR
Bordetella pertussis	Pertussis - serology
Bordetella pertussis	Respiratory Infection Panel - direct diagnosis - PCR
Bordetella pertussis	Whooping cough - Bordetella pertussis and parapertussis - direct diagnosis - PCR
Borrelia	Borreliosis - direct diagnosis - PCR
Borrelia	Borreliosis - IgG confirmation serology
Borrelia	Borreliosis - IgM confirmation serology - serum
Borrelia	Lyme disease - IgG/IgM screening serology - serum
Borrelia	Lyme disease - IgG intrathecal index - CSF + serum
Borrelia	Lyme disease - screening serology - CSF
Borreliosis - direct diagnosis - PCR	
Borreliosis - IgG confirmation serology	
Borreliosis - IgM confirmation serology - serum	
bound testosterone	
Bound testosterone	Testosterone - man
Bound testosterone	Testosterone - woman/child - serum
bowel	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM,
BP180	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
BP180 NC16A	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
BP230	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
BRAF	DNA NGS Panel for brain solid tumors
BRAF	DNA NGS Panel for cholangiocarcinoma
BRAF	DNA NGS Panel for thyroid cancer
BRAF	DNA NGS Panel solid tumor Colon
BRAF	RNA NGS panel for brain solid tumors
BRAF	RNA NGS Panel for thyroid cancer
BRAF	RNA NGS Panel solid tumors, Pan-organ : 65 genes
BRAF, KRAS, NRAS, POLE, ERBB2, TP53, PIK3CA, MLH1, GNAS, PTEN, TERT, CDKN2A,	DNA NGS Panel solid tumor colo-rectal extended : 22 genes
Brain Natriuretic Peptide	BNP - Brain Natriuretic Peptide - Plasma
Brain RNA-seq	RNA NGS panel for brain solid tumors
Brain tumor NGS panel	DNA NGS Panel for brain solid tumors
Brain tumors	RNA NGS panel for brain solid tumors
Brain tumors	RNA NGS Panel solid tumors, Pan-organ : 65 genes
BRB	Bilirubin - total - free - combined - serum

BRCA1	DNA NGS Panel for pancreatic cancer
BRCA1	DNA NGS Panel for prostate cancer
BRCA1	DNA NGS Panel solid tumor Breast
BRCA1	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
BRCA1	Oncogenetic exome
BRCA1	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A,
BRCA1	Pancreatic oncogenetic panel Target genes : APC, ATM, BRCA1, BRCA2, CDK4,
BRCA1	Panel Hereditary breast ovarian cancer and prostate Gènes ciblés: ATM, BRCA1,
BRCA1, BRCA2	Séquencage des gènes BRCA1 et BRCA2
BRCA1 - BRCA2 - BRCA1/2 - POLE - TP53	DNA NGS Panel solid tumor Endometrium
BRCA2	DNA NGS Panel for pancreatic cancer
BRCA2	DNA NGS Panel for prostate cancer
BRCA2	DNA NGS Panel solid tumor Breast
BRCA2	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
BRCA2	Oncogenetic exome
BRCA2	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A,
BRCA2	Pancreatic oncogenetic panel Target genes : APC, ATM, BRCA1, BRCA2, CDK4,
BRCA2	Panel Hereditary breast ovarian cancer and prostate Gènes ciblés: ATM, BRCA1,
BRD3	RNA NGS Panel solid tumors, Pan-organ : 65 genes
BRD4	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Breast	Panel Hereditary breast ovarian cancer and prostate Gènes ciblés: ATM, BRCA1,
BREAST	Oncogenetic exome
Breast cancer	DNA NGS Panel solid tumor Breast
Breast Cancer Prognostic Gene Signature Assay - PROSIGNA TEST	
Breast NGS panel	DNA NGS Panel solid tumor Breast
Breasy	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
Breath test	Helicobacter pylori - 13C urea breath test - expired gas
Brintellix®	Vortioxétine - Serum
Bristopen®	Oxacillin - Serum
Brivaracetam - Serum	
Briviact	Brivaracetam - Serum
BRK1	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
Brucella	Brucellosis - Serology (Rose bengale + brucellacapt) - serum
Brucella abortus	Brucellosis - Serology (Rose bengale + brucellacapt) - serum
Brucella melitensis	Brucellosis - Serology (Rose bengale + brucellacapt) - serum
Brucella suis	Brucellosis - Serology (Rose bengale + brucellacapt) - serum
Brucellacapt	Brucellosis - Serology (Rose bengale + brucellacapt) - serum
Brucellosis - Serology (Rose bengale + brucellacapt) - serum	
Brucellosis-Screening	Bacteria - screening
Brugada syndrome	Cardiogenetic panel or exome
Bullous pemphigoid	Anti-epidermal basement membrane and intracellular substance antibodies - serum
Bullous pemphigoid	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
Buprenorphine - Serum	
Buprenorphine and metabolites - urine	
burgdorferi	Borreliosis - direct diagnosis - PCR
burgdorferi	Borreliosis - IgG confirmation serology
burgdorferi	Borreliosis - IgM confirmation serology - serum
burgdorferi	Lyme disease - IgG/IgM screening serology - serum
burgdorferi	Lyme disease - screening serology - CSF
Burgdorferi	Lyme disease - IgG intrathecal index - CSF + serum
Burkitt	Epstein-Barr Virus - EBV - IgA EA serology - serum
Burkitt	Epstein-Barr Virus - EBV - IgG EA serology - serum
Butoxyacetic acid - urine	
Butyl Cellosolve	Butoxyacetic acid - urine
Butyrylcholinesterase	Cholinesterase - Serum
BW - screening	Syphilis - Treponemique test - screening serology - serum
BZD	Benzodiazepines - identification - urine
BZD	Benzodiazepines - screening and identification

BZD	Benzodiazepines - screening and identification - Serum
BZD	Benzodiazepines - screening without identification - Urine (urination)
C1 - Inh	C1-inhibitor - complement fraction - functional + quantitation
C1 - Inh	C1-inhibitor - complement fraction - quantitation - serum
C1 esterase inhibitor	C1-inhibitor - complement fraction - functional + quantitation
C1 esterase inhibitor	C1-inhibitor - complement fraction - quantitation - serum
C1 inhibitor activity	C1-inhibitor - complement fraction - functional + quantitation
C1 inhibitor functional	C1-inhibitor - complement fraction - functional + quantitation
C1-inhibitor - complement fraction - functional + quantitation	
C1-inhibitor - complement fraction - quantitation - serum	
c.187C>G mutation	Haemochromatosis - HFE gene - p.His63Asp mutation
c.193A>T mutation	Haemochromatosis - HFE gene - p.Ser65Cys mutation
C1q - anti-antibodies	Anti-C1q antibodies - serum
C1q - complement fraction - serum	
C1q fraction - complement	C1q - complement fraction - serum
C2 - complement fraction - serum	
C2 fraction - complement	C2 - complement fraction - serum
C282Y Mutation	Haemochromatosis - HFE gene - p.Cys282Tyr mutation
c-erbB-2	HER2 - Human Epidermal growth factor Receptor 2 - c-erbB-2 protein - serum
C-peptide	C-peptide - serum
C-peptide	C-peptide - Urines
C-peptide - serum	
C-peptide - Urines	
C-reactive protein	CRP - C-reactive protein - serum
C-Reactive Protein	CRP - C-reactive protein - serum
C-reactive protein - ultrasensitive	CRP - C-reactive protein - ultrasensitive - serum
C-Reactive Protein - ultrasensitive	CRP - C-reactive protein - ultrasensitive - serum
C-telopeptide of type I procollagen	CrossLaps - Serum
C-telopeptide of type I procollagen	CrossLaps - urines
C3 - complement fraction - serum	
C3 fraction - complement	C3 - complement fraction - serum
C3NeF - Nephritic factor - serum	
C3PA	Factor B - complement fraction - serum
C4 - complement fraction - serum	
C4 fraction - complement	C4 - complement fraction - serum
C5 - complement fraction - serum	
C5 fraction - complement	C5 - complement fraction - serum
c.845G>A mutation	Haemochromatosis - HFE gene - p.Cys282Tyr mutation
C9 - complement fraction - serum	
C9 fraction - complement	C9 - complement fraction - serum
CA 125	CA 125 antigen - aspiration biopsy
CA 125	CA 125 antigen - serum
CA 125 antigen - aspiration biopsy	
CA 125 antigen - serum	
CA 15-3	CA 15-3 antigen - aspiration biopsy
CA 15-3	CA 15-3 antigen - serum
CA 15-3 antigen - aspiration biopsy	
CA 15-3 antigen - serum	
CA 19-9	CA 19-9 antigen - aspiration biopsy
CA 19-9	CA 19-9 antigen - serum
CA 19-9 antigen - aspiration biopsy	
CA 19-9 antigen - serum	
CA 50	CA 50 antigen - serum
CA 50 antigen - serum	
CA 72-4	CA 72-4 antigen - aspiration biopsy
CA 72-4	CA 72-4 antigen - serum
CA 72-4 antigen - aspiration biopsy	
CA 72-4 antigen - serum	

Cachectin	TNF-alpha - Tumour Necrosis Factor
CACNA1S	Pharmacogenetic option on exome already sequenced at Eurofins Biomnis
CACNA1S	Pharmacogenetic Passport - PharmacoPass Expert
Cadmium	Cadmium - Urine
Cadmium - Urine	
Cadmiurie	Cadmium - Urine
Calcitonin - aspiration biopsy	
Calcitonin - Serum	
Calcitriol	Vitamin D - 1,25-dihydroxyvitamin D - serum
Calcium channels - anti-antibodies	Anti-calcium channel antibodies - serum
Calcium Sensing Receptor - anti-antibodies	Anti-Calcium Sensing Receptor antibodies - serum
Calicivirus	Norovirus - direct diagnosis - PCR - Stools
Calicivirus	Norovirus - screening - Stools
Campylobacter	Bacteria - screening
Campylobacter (C. jejuni/coli/upsaliensis)	Gastrointestinal Panel - direct diagnosis - PCR - Stools
Cancer	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
Cancer	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
Cancer	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM,
Cancer	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A,
Cancer	Pancreatic oncogenetic panel Target genes : APC, ATM, BRCA1, BRCA2, CDK4,
Cancer	Panel Hereditary breast ovarian cancer and prostate Gènes ciblés: ATM, BRCA1,
Cancer	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
Cancer	Retinoblastoma oncogenetic panel Target gene: RB1
Cancer	Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R,
CANCER	Oncogenetic exome
Cancer of the ovary	Homologous recombination deficiency (HRD) and somatic mutations of the BRCA1 and
cancer ORL HPV induit	Papillomavirus - HPV Détection and Typing of 19 high-risk HPV and 18 low-risk HPV -
Candida	Candida - Mannane antigen - serum
Candida	Fungus - Yeasts - MIC: Minimum Inhibitory Concentration
Candida	Fungus - Yeasts - screening
Candida	Yeasts - antifungal susceptibility testing
Candida - Mannane antigen - serum	
Candida albicans - confirmation serology - serum	
Candida albicans - screening serology - serum	
Candidemia	Beta-D-Glucan antigen - screening
Candidiasis	Beta-D-Glucan antigen - screening
Candidiasis	Candida albicans - confirmation serology - serum
Candidiasis	Candida albicans - screening serology - serum
Candidiasis	Candida - Mannane antigen - serum
Candidiasis	Fungus - Yeasts - MIC: Minimum Inhibitory Concentration
Candidiasis	Fungus - Yeasts - screening
Candidiasis	Yeasts - antifungal susceptibility testing
Cannabinoïdes - dosage - plasma	
Cannabinoïdes - dosage - urines	
Cannabis	Cannabinoïdes - dosage - plasma
Cannabis	Cannabinoïdes - dosage - urines
Cannabis	
capecitabine toxicity	Uracile - dosage(search a risk of toxicity to fluoropyrimidines)
CAR - index - saliva	
CAR antigen	Anti-retina antibodies - serum
Carbamazepine - Serum	
Carbapenemase-producing Enterobacteriaceae	Antibiotic multi-resistant bacteria (MRB) - screening
Carbohydrate-deficient transferrin	Carbohydrate-deficient transferrin - serum
Carbohydrate-Deficient Transferrin	Carbohydrate-deficient transferrin - serum
Carbohydrate-deficient transferrin - nephelimetry - serum	
Carbohydrate-deficient transferrin - serum	
Carbon monoxide	Carbon monoxide
Carbon monoxide	

Carbonic anhydrase - anti-antibodies	Anti-lactoferrin antibodies and anti carbonic anhydrase antibodies - serum
carboxy-(mono-methyl-heptyl) phthalate (cx-MiNP) - metabolite of DiNP	Phtalates - extended panel - urines - Phtalates - extended panel
Carboxyhemoglobin	Carbon monoxide
Carbutamide	Sulphonylureas - serum
Carcinoembryonic antigen	CEA - Carcinoembryonic antigen - aspiration biopsy
Carcinoembryonic antigen	CEA - Carcinoembryonic antigen - serum
Carcinoma of unknown primary	DNA NGS Panel solid tumor Pan-organ : 64 genes
Cardiac arrhythmia	Cardiogenetic panel or exome
Cardiac conduction disorders	Cardiogenetic panel or exome
Cardiogenetic panel or exome	
Cardiolipin - antibodies	Anti-cardiolipin antibodies - IgG - Serum
Cardiolipin antibodies	Anti-cardiolipin antibodies - IgM - Serum
Cardiomyopathy	Cardiogenetic panel or exome
Carotene	Beta-carotene
CaSR - anti-antibodies	Anti-Calcium Sensing Receptor antibodies - serum
Castle's intrinsic factor	Anti-intrinsic factor antibodies - serum
Cat scratch (disease)	Bartonellosis - B. henselae - B. quintana - IgG serology - serum
Cat scratch (disease)	Bartonellosis - direct diagnosis - PCR
Cat scratch disease	Bartonellosis - B. henselae - B. quintana - IgG serology - serum
Cat scratch disease	Bartonellosis - direct diagnosis - PCR
Catecholamines - free - Urine	
Catecholamines - methoxylated derivatives	Methoxylated derivatives of catecholamines - Free metanephrines
Catecholamines - methoxylated derivatives	Methoxylated derivatives of catecholamines - Free metanephrines - child - Urine
Catecholamines - methoxylated derivatives	Methoxylated derivatives of catecholamines - Free metanephrines - Urine
CBG	CBG - Cortisol-Binding Globulin - Transcortin - serum
CBG - Cortisol-Binding Globulin - Transcortin - serum	
CBNPC	DNA NGS Panel solid tumor Lung
CCDC6	RNA NGS Panel solid tumors, Pan-organ : 65 genes
CCDC88A	RNA NGS Panel solid tumors, Pan-organ : 65 genes
CCNB3	RNA NGS Panel for soft tissue tumors : 20 genes
CCNB3	RNA NGS Panel solid tumors, Pan-organ : 65 genes
CCP - anti-antibodies	Anti-cyclic citrullinated peptide antibodies - CCP2
CD19	Immunophenotyping: Lymphocytes B - CD19 - EDTA whole blood
CD Test	Carbohydrate-deficient transferrin - serum
CD20	Immunophenotyping: Lymphocytes B - CD19 - EDTA whole blood
CD3+	Immunophenotyping: Lymphocytes CD3-CD4-CD8 - EDTA whole blood
CD3 lymphocytes	Immunophenotyping: Lymphocytes CD3-CD4-CD8 - EDTA whole blood
CD3/CD4/CD8	Immunophenotyping: Lymphocytes CD3-CD4-CD8 - EDTA whole blood
CD56	Immunophenotyping: Lymphocytes CD56+ / CD16+ - Natural Killer Cells - EDTA whole
CD74	RNA NGS Panel solid tumors, Pan-organ : 65 genes
CDH1	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
CDH1	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM,
CDH1	Pancreatic oncogenetic panel Target genes : APC, ATM, BRCA1, BRCA2, CDK4,
CDH1	Panel Hereditary breast ovarian cancer and prostate Gènes ciblés: ATM, BRCA1,
CDK4	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
CDK4	Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R,
CDKN2A	DNA NGS Panel for brain solid tumors
CDKN2A	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
CDKN2A	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A,
CDKN2A	Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R,
CDKN2B	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
CDKN2B	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
CDT	Carbohydrate-deficient transferrin - serum
CDT-IFC	Carbohydrate-deficient transferrin - serum
CEA - Carcinoembryonic antigen - aspiration biopsy	
CEA - Carcinoembryonic antigen - serum	
Cefepime - Serum	
Cefotaxime - Serum	

Ceftazidime - Serum	
Ceftriaxone - Serum	
Celectol®	Celiprolol - serum
Celiprolol - serum	
Cellcept®	Mycophenolate - plasma
Cereulide toxin	Cereulide toxin - stool
Cereulide toxin - stool	
Certican®	Everolimus
Certolizumab - serum	
Cervical cancer screening;	Detection of high-risk HPV nucleic acids using a molecular technique as part of primary
CgA	Chromogranin A - Serum
CGH	Constitutional Molecular Karyotype-SNP ARRAY
CGH	Constitutional Molecular Karyotype - SNP ARRAY - Product of conception
CGH	Re-evaluation - Constitutional Molecular Karyotyping
CGH -array	Constitutional Molecular Karyotype-SNP ARRAY
CGH array	Constitutional Molecular Karyotype-SNP ARRAY
CGH-array	Constitutional Molecular Karyotype - SNP ARRAY - Product of conception
CGH-array	Re-evaluation - Constitutional Molecular Karyotyping
CH50 - Total haemolytic complement	
Chagas disease - confirmation	Trypanosoma cruzi - confirmation - serum
Chagas disease - serology	Trypanosoma cruzi - serology
Chancre	Genital ulcérations panel - direct diagnosis - PCR
Chancre mou	Haemophilus ducreyi - direct diagnosis - PCR
Chancroid	Haemophilus ducreyi - screening
Channelopathy	Cardiogenetic panel or exome
CHEK2	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
CHEK2	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A,
Chenodeoxycholic acid	Bile acids - chromatography - serum
Chenodeoxycholic acid	Bile acids - serum
CHIP	exome
CHIP	Exome with interpretation interface
CHIP	Nephrology exome
Chitotriosidase - activity	
Chlamydia	Chlamydia pneumoniae - direct diagnosis - PCR
Chlamydia pneumoniae	Chlamydia pneumoniae - IgG/IgM serology - serum
Chlamydia pneumoniae	Respiratory Infection Panel - direct diagnosis - PCR
Chlamydia pneumoniae - direct diagnosis - PCR	
Chlamydia pneumoniae - IgG/IgM serology - serum	
chlamydia psittaci	Chlamydia psittaci - IgG serology (1st intention) - serum
Chlamydia psittaci - IgA serology - serum	
Chlamydia psittaci - IgG serology (1st intention) - serum	
Chlamydia trachomatis	Chlamydia trachomatis, Neisseria gonorrhoeae and Trichomonas vaginalis - multiplex
Chlamydia trachomatis	IST PMA Expert ¿ Multiplex PCR detection ¿ Urogenital mycoplasma, C. trachomatis, N.
Chlamydia Trachomatis	Chlamydia trachomatis, Neisseria gonorrhoeae, Mycoplasma genitalium and
Chlamydia trachomatis, Neisseria gonorrhoeae, Mycoplasma genitalium and Trichomonas	
Chlamydia trachomatis, Neisseria gonorrhoeae and Trichomonas vaginalis - multiplex gene	
Chlamydia trachomatis - IgA serology - Serum	
Chlamydia trachomatis - IgG serology - Serum	
Chlamydia trachomatis - IgM serology - serum	
Chlordecone	Pesticides - screening and/or dosage - urine
Chloride	Electrolytes stool - Stool
Chlorpropamide	Sulphonylureas - serum
Cholangiocarcinoma	RNA NGS Panel for cholangiocarcinoma
Cholangiocarcinoma	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Cholangiocarcinoma NGS panel	DNA NGS Panel for cholangiocarcinoma
Cholangiocarcinoma NGS panel	RNA NGS Panel for cholangiocarcinoma
Cholemia	Bile acids - serum
Cholera screening	Bacteria - screening

Cholic acid	Bile acids - chromatography - serum
Cholic acid	Bile acids - serum
Cholinesterase - Serum	
Chromatin	Anti-nucleosome antibodies - serum
Chromatography of erythrocyte fatty acids	Fatty acids of erythrocyte menbrane - chromatography - Total EDTA blood - Fatty free
Chromatography of prolactin	Prolactin - molecular forms - serum
Chromogranin A - Serum	
CIA	Exome Congenital heart defects
Cicatricial pemphigoid	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
Ciflox®	Ciprofloxacin - Serum
Cimzia ®	Certolizumab - serum
Ciprofloxacin - Serum	
Circulating anticoagulant - screening - plasma	
Circulating forms of prolactin	Prolactin - molecular forms - serum
Circulating immune complexes	Circulating immune complexes - CIC - serum
Circulating immune complexes - CIC - serum	
circulating tumor DNA	Circulating tumor DNA NGS Panel - Peripheral blood from Cell Free DNA tube : ambiant
Circulating tumor DNA NGS Panel - Peripheral blood from Cell Free DNA tube : ambiant	
Cis-Chlordane	Pesticides - screening and/or dosage - urine
Citrate	Citric acid - seminal plasma
Citrate	Citric acid - serum
Citrate	Citric acid - urine
Citric acid - seminal plasma	
Citric acid - serum	
Citric acid - urine	
Citrullinated peptides - anti-antibodies	Anti-cyclic citrullinated peptide antibodies - CCP2
CIV	Exome Congenital heart defects
CK MB	CPK - Creatine phosphokinase MB - serum
CK-BB - isoenzymes	CPK - Creatine phosphokinase - isoenzymes - serum
CK-MM - isoenzymes	CPK - Creatine phosphokinase - isoenzymes - serum
Cl	Electrolytes stool - Stool
CLA30 - food allergens	IgE against multiple individual allergens - food allergens - Serum
CLA30 - inhalant allergens	IgE against multiple individual allergens - inhalant allergens - Serum
CLA30 - mixed allergens	IgE against multiple individual allergens - Food and Inhalant panels - Serum
Claforan®	Cefotaxime - Serum
Clamoxil®	Amoxicillin - Serum
Clarithromycin	Helicobacter pylori and clarithromycin resistance gene - direct diagnosis - PCR
Class I HLA - HLA-A and HLA-B genotyping	Class I HLA - HLA-A and HLA-B genotyping - EDTA whole blood
Class I HLA - HLA-A and HLA-B genotyping - EDTA whole blood	
Class I HLA leukocyte and platelet antigens	Class I HLA - HLA-A and HLA-B genotyping - EDTA whole blood
Class II HLA - HLA-DQ and HLA-DR genotyping	Class II HLA - HLA-DQ and HLA-DR genotyping - EDTA whole blood
Class II HLA - HLA-DQ and HLA-DR genotyping - EDTA whole blood	
Class II HLA leukocyte and platelet antigens	Class II HLA - HLA-DQ and HLA-DR genotyping - EDTA whole blood
Cleaving protease - Willebrand factor	Factor Willebrand protease activity - ADAMTS 13
Clindamycin - Serum	
CLL	Immunophenotyping of malignant hemopaties
Clobazam - Serum	
Clomipramine - Serum	
Clonazepam - Serum	
Clopidogrel - resistance test	VASP - VAsodilatator Stimulated Phosphoprotein - whole blood
Clopixol®	Zuclopenthixol - Serum
Clorazepate - Serum	
Clostridium difficile : toxines A/B	Gastrointestinal Panel - direct diagnosis - PCR - Stools
Clostridium difficile - Glutamate dehydrogenase (GDH) screening (+toxins)-stool	
Clostridium difficile - toxins-screening by PCR	
Clostridium tetani - immunity test - IgG antibodies	Tetanus - immunity test - IgG serology - serum
Cloxacillin - Serum	
Clozapine	

CLTC	RNA NGS Panel solid tumors, Pan-organ : 65 genes
CLU	Free cortisol - Compound F - urine
CMV	Cytomegalovirus - CMV - - direct diagnosis - PCR
CMV	Cytomegalovirus - CMV - - direct diagnosis - PCR - amniotic fluid
CMV	Cytomegalovirus - CMV - - IgG/IgM serology - serum
CMV	Cytomegalovirus - CMV - - IgG serology - serum
CMV	viral meningoencephalitis panel - direct diagnosis - PCR
CMV - antibody avidity	Cytomegalovirus - CMV - IgG avidity test - serum
CNV	exome
CNV	Exome Congenital heart defects
CNV	Exome Isolated or syndromic intellectual disability and syndromic neurodevelopmental
CNV	Exome Panel for chronic and hereditary pancreatitis
CNV	Exome with interpretation interface
CNV	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
CNV	Nephrology exome
CNV	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
CNV	Oncogenetic exome
CNV	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM,
CNV	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A,
CNV	Pancreatic oncogenetic panel Target genes : APC, ATM, BRCA1, BRCA2, CDK4,
CNV	Panel Hereditary breast ovarian cancer and prostate Gènes ciblés: ATM, BRCA1,
CNV	Prenatal exome
CNV	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
CNV	Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R,
Cobalamin	Vitamin B12 - serum
Cobalt	Cobalt - Urine
Cobalt - Urine	
Cobalt - Whole blood	
Cobalt concentration	Cobalt - Whole blood
Cobalt overload	Cobalt - Urine
Cocaéthylène	Cocaine - dosage - plasma
Cocaéthylène	Cocaine - dosage - urines
Cocaine - dosage - plasma	
Cocaine - dosage - urines	
Codeine	Opiates - dosage - plasma
Codeine	Opiates - dosage - urines
Codon 129 prion protein - genotype	Protein 14.3.3
Coenzyme Q10	Coenzyme Q10 - CoQ10 - Serum
Coenzyme Q10 - CoQ10 - Serum	
CoHb	Carbon monoxide
Colimycin	Colistin - Serum
Colistin - Serum	
Collagen N-telopeptides	NTx - N-telopeptides of type I collagen - urines
Colon	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM,
Colon cancer	DNA NGS Panel solid tumor colo-rectal extended : 22 genes
Colorectal	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM,
Colorectal adenocarcinoma	DNA NGS Panel solid tumor Colon
Colorectal adenocarcinoma	DNA NGS Panel solid tumor colo-rectal extended : 22 genes
Colorectal cancer	DNA NGS Panel solid tumor Colon
Colorectal cancer	DNA NGS Panel solid tumor colo-rectal extended : 22 genes
COLORECTAL CANCER	Oncogenetic exome
Colorectal NGS panel	DNA NGS Panel solid tumor Colon
Colorectal NGS panel	DNA NGS Panel solid tumor colo-rectal extended : 22 genes
Compagnon test	Circulating tumor DNA NGS Panel - Peripheral blood from Cell Free DNA tube : ambiant
Companion diagnostic	DNA NGS Panel for cholangiocarcinoma
Companion diagnostic	DNA NGS Panel for pancreatic cancer
Companion diagnostic	DNA NGS Panel for prostate cancer
Companion diagnostic	DNA NGS Panel for thyroid cancer

Companion diagnostic	DNA NGS Panel solid tumor Colon
Companion diagnostic	RNA NGS Panel for cholangiocarcinoma
Companion diagnostic	RNA NGS Panel for lung cancers
Companion diagnostic	RNA NGS Panel for pancreatic cancer
Companion diagnostic	RNA NGS Panel for thyroid cancer
Companion test	DNA NGS Panel solid tumor Breast
Companion test	DNA NGS Panel solid tumor colo-rectal extended : 22 genes
Companion test	DNA NGS Panel solid tumor Endometrium
Companion test	DNA NGS Panel solid tumor GIST
Companion test	DNA NGS Panel solid tumor Lung
Companion test	DNA NGS Panel solid tumor Lung extended
Companion test	DNA NGS Panel solid tumor Melanoma
Companion test	DNA NGS Panel solid tumor Pan-organ : 64 genes
Companion test	Homologous recombination deficiency (HRD) and somatic mutations of the BRCA1 and
Complement - C1q fraction	C1q - complement fraction - serum
Complement - C2 fraction	C2 - complement fraction - serum
Complement - C3 fraction	C3 - complement fraction - serum
Complement - C3 proactivator	Factor B - complement fraction - serum
Complement - C4 fraction	C4 - complement fraction - serum
Complement - Factor B	Factor B - complement fraction - serum
Complement C1 inhibitor	C1-inhibitor - complement fraction - functional + quantitation
Complement C1 inhibitor	C1-inhibitor - complement fraction - quantitation - serum
Complement: C5 fraction	C5 - complement fraction - serum
Complement: C9 fraction	C9 - complement fraction - serum
Compound B	Corticosterone - Compound B
Compound E	Cortisone - Compound E - plasma
Compound E	Cortisone - Compound E - urines
Compound F	Cortisol - Compound F - saliva
Compound F	Cortisol - Compound F - serum
Compound F	Free cortisol - Compound F - urine
Compound F	
Compound S	11-Desoxycortisol - Compound S - - (Tubes without separating gel)
Condylomes	Papillomavirus - HPV Détection and Typing of 19 high-risk HPV and 18 low-risk HPV -
Conferoport	Tacrolimus - FK-506
confirmation	HTLV I/II - confirmation serology - serum
Connectin - anti-antibodies	Anti-titin antibodies - serum
Constitutional Molecular Karyotype - SNP ARRAY - Product of conception	
Constitutional Molecular Karyotype-SNP ARRAY	
CONSTITUTIONAL ONCOGENETICS	Oncogenetic exome
control - CDT	Carbohydrate-deficient transferrin - nephelimetry - serum
Conventional acquired cytogenetics	Blood karyotype
Copper	
Copper - exchangeable / free	
Copper - exchangeable/free	Copper - exchangeable / free
Copper - urine	
Copper concentration	Copper
Copper overload	Copper - urine
Coproporphyrins	Erythrocyte porphyrins
Coproporphyrins	Porphyrins - stool
Coproporphyrins	Porphyrins - Urines
Cordarone®	Amiodarone + metabolite - Serum
Coronavirus	COVID-19 (SARS-CoV-2) IgG serology anti-S
CoronaVirus Disease	COVID-19 (SARS-CoV-2) IgG serology anti-S
CoronaVirus Disease	COVID-19 (SARS-CoV-2) serology (total Ig) anti-N
Coronavirus HKU1, NL63, 229E, OC43	Respiratory Infection Panel - direct diagnosis - PCR
Coronavirus SARS-CoV-2	COVID-19 (SARS-CoV-2) serology (total Ig) anti-N
Cortexolone	11-Desoxycortisol - Compound S - - (Tubes without separating gel)
Corticosterone - 11-Deoxy	11-Deoxycorticosterone

Corticosterone - 11-Deoxy	
Corticosterone - Compound B	
Corticostimulin	ACTH - Corticotrophin
Corticotrophin	ACTH - Corticotrophin
Corticotropin	ACTH - Corticotrophin
Cortisol - 21-Deoxy	21-Deoxycortisol - (Tubes without separating gel)
Cortisol - Compound F	
Cortisol - Compound F - evening - saliva	
Cortisol - Compound F - evening - Serum	
Cortisol - Compound F - morning - saliva	
Cortisol - Compound F - saliva	
Cortisol - Compound F - Saliva	
Cortisol - Compound F - serum	
Cortisol Awakening Response	CAR - index - saliva
Cortisol-binding globulin	CBG - Cortisol-Binding Globulin - Transcortin - serum
Cortisone - Compound E - plasma	
Cortisone - Compound E - urines	
Corynebacterium diphteriae	Diphtheria - immunity test - IgG serology - serum
Cotinine - Urine (urination)	
COVID	COVID 19 / Influenza virus A and B - panel - direct diagnosis - PCR
COVID 19 / Influenza virus A and B - panel - direct diagnosis - PCR	
Covid-19	Respiratory Infection Panel - direct diagnosis - PCR
COVID-19	COVID 19 / Influenza virus A and B - panel - direct diagnosis - PCR
COVID-19	COVID-19 (SARS-CoV-2) IgG serology anti-S
COVID-19	COVID-19 (SARS-CoV-2) serology (total Ig) anti-N
COVID-19 (SARS-CoV-2) IgG serology anti-S	
COVID-19 (SARS-CoV-2) serology (total Ig) anti-N	
Coxiella burnetii (Q fever) - IgG and IgM serology, Phases I and II - serum	
Coxiella burnetii (Q fever) - Screening serology Total Ac Phase II - serum	
Coxsackie virus groupes A et B	Enterovirus - direct diagnosis - PCR
CPE	Antibiotic multi-resistant bacteria (MRB) - screening
CPK - Creatine phosphokinase - isoenzymes - serum	
CPK - Creatine phosphokinase MB - serum	
CPK - Creatine phosphokinase total - serum	
CPK isoenzymes	CPK - Creatine phosphokinase - isoenzymes - serum
CPK MB	CPK - Creatine phosphokinase MB - serum
CRC	DNA NGS Panel solid tumor Colon
CRC	DNA NGS Panel solid tumor colo-rectal extended : 22 genes
Creatine deficiency	Guanidinoacetate and creatine - plasma
Creatine deficiency	Guanidinoacetate and creatine - urine
Creatine phosphokinase - isoenzymes	CPK - Creatine phosphokinase - isoenzymes - serum
Creatine phosphokinase MB	CPK - Creatine phosphokinase MB - serum
Creutzfeldt-Jakob	Protein 14.3.3
Cross link	NTx - N-telopeptides of type I collagen - urines
CrossLaps - Serum	
CrossLaps - urines	
CRP - C-reactive protein - serum	
CRP - C-reactive protein - ultrasensitive - serum	
CRP - Mycobacteria	Mycobacteria - PCR M. tuberculosis complex (BKBM)
CRP full range	CRP - C-reactive protein - ultrasensitive - serum
Cryoglobulins - identification - serum	
Cryptococcosis	Fungus - Yeasts - screening
Cryptococcus	Fungus - Yeasts - screening
Cryptococcus - soluble antigen	Cryptococcus neoformans - soluble antigen - testing
Cryptococcus neoformans - soluble antigen - testing	
Cryptosporidies - Microsporidies - direct diagnosis - PCR	
Cryptosporidiose	Cryptosporidies - Microsporidies - direct diagnosis - PCR
Cryptosporidium spp.	Cryptosporidies - Microsporidies - direct diagnosis - PCR

Cryptosporidium spp.	Gastrointestinal Panel - direct diagnosis - PCR - Stools
CSF	
CSF electrophoresis	Isoelectric focusing - CSF + serum
CST	Iron - saturation percentage - serum
ctDNA	Circulating tumor DNA NGS Panel - Peripheral blood from Cell Free DNA tube : ambiant
CTF	Iron - total binding capacity - serum
CTX	CrossLaps - Serum
CTX	CrossLaps - urines
Cuivre libre	Copper - exchangeable / free
CUP	DNA NGS Panel solid tumor Pan-organ : 64 genes
Cutaneous	Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R,
Cyamemazine - Serum	
Cyanide ions	Thiocyanates - ion - Serum
Cyanide ions	Thiocyanates - ion - urine
Cyclohexane-1,2-dicarboxylate-mono-(7-carboxylate-4- methyl)heptyl ester (cx-MINCH) -	Phtalates - extended panel - urines - Phtalates - extended panel
Cyclohexane-1,2-dicarboxylate-mono-(7-hydroxy-4- methyl)octyl ester (OH-MINCH) -	Phtalates - extended panel - urines - Phtalates - extended panel
Cyclospora cayetanensis	Gastrointestinal Panel - direct diagnosis - PCR - Stools
Cyclosporin	
Cyclosporin A	Cyclosporin
Cyfra 21-1	Cyfra 21-1 antigen - aspiration biopsy
Cyfra 21-1	Cyfra 21-1 antigen - serum
Cyfra 21-1 antigen - aspiration biopsy	
Cyfra 21-1 antigen - serum	
Cymbalta	Duloxetine - serum
Cymevan®	Ganciclovir - plasma
CYP1A2	Pharmacogenetic option on exome already sequenced at Eurofins Biomnis
CYP1A2	Pharmacogenetic Passport - PharmacoPass Expert
CYP2B6	Pharmacogenetic option on exome already sequenced at Eurofins Biomnis
CYP2B6	Pharmacogenetic Passport - PharmacoPass Expert
CYP2C19	Pharmacogenetic option on exome already sequenced at Eurofins Biomnis
CYP2C19	Pharmacogenetic Passport - PharmacoPass Expert
CYP2C9	Pharmacogenetic option on exome already sequenced at Eurofins Biomnis
CYP2C9	Pharmacogenetic Passport - PharmacoPass Expert
CYP2D6	Pharmacogenetic option on exome already sequenced at Eurofins Biomnis
CYP2D6	Pharmacogenetic Passport - PharmacoPass Expert
CYP3A4	Pharmacogenetic option on exome already sequenced at Eurofins Biomnis
CYP3A4	Pharmacogenetic Passport - PharmacoPass Expert
CYP3A5	Pharmacogenetic option on exome already sequenced at Eurofins Biomnis
CYP3A5	Pharmacogenetic Passport - PharmacoPass Expert
CYP4F2	Pharmacogenetic option on exome already sequenced at Eurofins Biomnis
CYP4F2	Pharmacogenetic Passport - PharmacoPass Expert
Cystic fibrosis Detection of variations within the CFTR gene after massive	
Cystic Fibrosis Detection of variations within the CFTR gene after massive	
Cysticercosis - confirmation serology	
Cysticercosis - Taenia Solium - IgG serology - serum	
cysts	Parasitology - microscopy
Cytokin	Interleukin (IL)-10 - .
Cytokin	Interleukin (IL)-6
Cytokin	Interleukin (IL)-6 - .
Cytokine	Interleukin (IL)-10
Cytokine	Interleukin (IL)-1 beta
Cytokine	Interleukin (IL)-2 - receptor
Cytokine	Interleukin (IL)-5
Cytokine	Interleukin (IL)-8
Cytokine	TNF-alpha - Tumour Necrosis Factor
Cytokine	Vascular Endothelial Growth Factor (VEGF-A) - sérum and plasma EDTA
Cytokines	Interleukin (IL)-10
Cytokines	Interleukin (IL)-1 beta

Cytokines	Interleukin (IL)-6
Cytokines	Interleukin (IL)-8
Cytokines	TNF-alpha - Tumour Necrosis Factor
Cytokines	Vascular Endothelial Growth Factor (VEGF-A) - sérum and plasma EDTA
Cytomegalovirus	Cytomegalovirus - CMV - - direct diagnosis - PCR - amniotic fluid
Cytomégalovirus	Cytomegalovirus - CMV - - direct diagnosis - PCR
Cytomégalovirus - CMV - PCR - liquide amniotique	Cytomegalovirus - CMV - - direct diagnosis - PCR - amniotic fluid
Cytomegalovirus - CMV - - direct diagnosis - PCR	
Cytomegalovirus - CMV - - direct diagnosis - PCR - amniotic fluid	
Cytomegalovirus - CMV - - IgG serology - serum	
Cytomegalovirus - CMV - - IgG/IgM serology - serum	
Cytomegalovirus - CMV - IgG avidity test - serum	
Cytometry	Immunophenotyping: Lymphocytes B - CD19 - EDTA whole blood
Cytometry	Immunophenotyping: Lymphocytes CD3-CD4-CD8 - EDTA whole blood
Cytometry	Immunophenotyping: Lymphocytes CD56+ / CD16+ - Natural Killer Cells - EDTA whole
Cytometry	Immunophenotyping: Lymphocytes NK/CD57 - EDTA whole blood
Cytosol - LC1 - anti-antibodies	Anti-liver cytosol type 1 antibodies - LC1 - confirmation - serum
Cytosol- LC1 - Abs anti	Anti-liver cytosol type 1 antibodies - LC1 - screening - serum
Cytotoxic antibodies	anti-HLA antibodies - classes I and II - transplant - serum
D hepatitis	Hepatitis Delta - antigen - serum
D hepatitis	Hepatitis Delta - IgM antibody - serum
D hepatitis	Hepatitis Delta (VHD) ¿ Serological screening for total antibodies - serum
D-Di	D-Dimers - plasma
D-Dimers - plasma	
D4A - Delta-4-Androstenedione	
D4A - Delta-4-Androstenedione - serum	
Dabigatran - Measurement of the Dabigatran anti Iia activity - plasma	
Dacryocytes	Erythrocytes morphological aspect
Dahlback factor	Activated protein C resistance - plasma
Dahlback test	Activated protein C resistance - plasma
Dalacine®	Clindamycin - Serum
Danaparoid - anti-Xa	Anti-Xa activity : Danaparoid - Orgaran - plasma
Daonil	Glibenclamide - serum
Darunavir - Serum	
Datamcine	Gentamicine - Serum
DAZ gene - deleted in azoospermia	Y chromosome - (regions AZFs, AZFb, AZFc)
Decarboxytransferrin	Carbohydrate-deficient transferrin - serum
Dehydro-epiandrosterone	DHEA - Dehydroepiandrosterone
Dehydroepiandrosterone sulfate	DHEAS - Dehydroepiandrosterone sulfate
Delta 5 - pregnenolone	
delta 5-pregnenolone sulfate	Pregnenolone sulfate - serum
Delta antigen	Hepatitis Delta - antigen - serum
delta hepatitis	Hepatitis Delta - antigen - serum
delta hepatitis	Hepatitis Delta (VHD) ¿ Serological screening for total antibodies - serum
Delta hepatitis	Hepatitis Delta - IgM antibody - serum
Delta virus - antigen	Hepatitis Delta - antigen - serum
Delta-4-androstenedione	D4A - Delta-4-Androstenedione - serum
Delta-5-pregnenolone	17-Hydroxy-Pregnenolone - serum
Delta-5-pregnenolone	Pregnenolone - serum
delta-Aminolevulinic acid - urine	
Delta5 - pregnenolone	
dengue	Dengue fever - IgG/IgM serology - serum
Dengue fever - direct diagnosis - PCR	
Dengue fever - IgG/IgM serology - serum	
Deoxycholic acid	Bile acids - chromatography - serum
Deoxycholic acid	Bile acids - serum
Deoxycorticosterone - 11	11-Deoxycorticosterone
Deoxycorticosterone - 11	

deoxycortisol - 11	11-Desoxycortisol - Compound S - - (Tubes without separating gel)
Depakine®	Valproic acid - Serum
Depakote	Valproic acid - Serum
Depamide®	Valproic acid - Serum
dermatomyositis	Myosite Markers - serum
Dermatophyte	Fungus - Yeasts - identification
Dermatophytes	Fungus - Yeasts - screening
Dermo-epidermal junction	Anti-epidermal basement membrane and intracellular substance antibodies - serum
Dermo-epidermal junction	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
Deroxat®	Paroxetine - serum
Designated bacterium - direct diagnosis - PCR	
Desmethylclomipramine	Clomipramine - Serum
Desmethylclozapine	Clozapine
Desmoglein 1	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
Desmoglein 3	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
Detection and identification bacterial DNA - 16S PCR by NGS sequencing	
Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-Dsg3 -	
Detection of free light chains	Bence Jones - screening
Detection of high-risk HPV nucleic acids using a molecular technique as part of primary CCU	
Detection of the HPV16 genome in the context of anal cancer screening	
détection qualitative	HIV-1: Qualitative RNA detection, suspected primary infection - serum
Determination of HIV-1 viral tropism (CCR5 - V3 loop, gp120)	HIV-1 Resistance Genotyping to antiretroviral drugs: envelope gene, tropism (RNA) -
DEVELOPMENTAL DISORDER	Exome Isolated or syndromic intellectual disability and syndromic neurodevelopmental
Dextropropoxyphene - urine	
Dextroref®	Dextropropoxyphene - urine
DFI	DNA fragmentation test - DNA decondensation - SCSA - Sperm
DHA	DHEA - Dehydroepiandrosterone
DHA	
DHA sulfate	DHEAS - Dehydroepiandrosterone sulfate
DHAS	DHEAS - Dehydroepiandrosterone sulfate
DHEA - Dehydroepiandrosterone	
DHEAS - Dehydroepiandrosterone sulfate	
DHT - Dihydrotestosterone	
DHT - Dihydrotestosterone - serum	
Di Dolko®	Dextropropoxyphene - urine
Di-Antalvic®	Dextropropoxyphene - urine
Di-Hydan®	Phenytoin - Serum
Diacomit®	Stiripentol - Serum
Dialgirex®	Dextropropoxyphene - urine
Diamine oxydase	Diamine oxydase (DAO) - activity - serum
Diamine oxydase (DAO) - activity - serum	
Diazepam + desmethyldiazepam - Serum	
Dicofol	Pesticides - screening and/or dosage - urine
Dieldrin	Pesticides - screening and/or dosage - urine
Digest Check	Juvenalis - DigestCheck - Stool
Digestion	Faecal test -Functional coprology - Stool
Digestive	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
Digestive	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM,
Digestive cancer	DNA NGS Panel solid tumor colo-rectal extended : 22 genes
DIGESTIVE CANCER	Oncogenetic exome
Digestive parasitosis	Helminthes - Protozoaires - direct diagnosis - PCR - Stool
Digestive tumors	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Digoxin - Serum	
dihydropyrimidine dehydrogenase deficiency	Uracile - dosage(search a risk of toxicity to fluoropyrimidines)
dihydropyrimidine dehydrogenase phenotype	Uracile - dosage(search a risk of toxicity to fluoropyrimidines)
Dihydrotestosterone	DHT - Dihydrotestosterone - serum
Dihydroxyvitamin D3 - 1,25	Vitamin D - 1,25-dihydroxyvitamin D - serum
Dilantin	Phenytoin - Serum

Dilated cardiomyopathy	Cardiogenetic panel or exome
Dilatrane®	Theophylline - Serum
Dioalgo®	Dextropropoxyphene - urine
Diphantoin	Phenytoin - Serum
Diphenylhydantoin	Phenytoin - Serum
diphteria	Diphtheria - immunity test - IgG serology - serum
Diphtheria - immunity test - IgG serology - serum	
Diphtheria - screening	Bacteria - screening
Diphtheria toxin - anti-antibodies	Diphtheria - immunity test - IgG serology - serum
Dipropylacetamide	Valproic acid - Serum
Dipyridamole - Serum	
Direct antiglobulin exam	Erythrocyte direct Coombs
Direct antiglobulin test	Erythrocyte direct Coombs
Direct Coombs test	Erythrocyte direct Coombs
Direct LDL cholesterol - serum	
Disopyramide - serum	
Distomatosis - confirmation serology - serum	
Distomatosis - screening serology - serum	
Divalproate de sodium	Valproic acid - Serum
Dixon test	Anti-platelet antibodies bound or free - screening and identification
DLST	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
DLST	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
DNA bacterien	Detection and identification bacterial DNA - 16S PCR by NGS sequencing
DNA chip	Constitutional Molecular Karyotype-SNP ARRAY
DNA CHIP	Prenatal exome
DNA Fragmentation Index	DNA fragmentation test - DNA decondensation - SCSA - Sperm
DNA fragmentation test - DNA decondensation - SCSA - Sperm	
DNA NGS Panel for brain solid tumors	
DNA NGS Panel for cholangiocarcinoma	
DNA NGS Panel for pancreatic cancer	
DNA NGS Panel for prostate cancer	
DNA NGS Panel for thyroid cancer	
DNA NGS Panel solid tumor Breast	
DNA NGS Panel solid tumor colo-rectal extended : 22 genes	
DNA NGS Panel solid tumor Colon	
DNA NGS Panel solid tumor Endometrium	
DNA NGS Panel solid tumor GIST	
DNA NGS Panel solid tumor Lung	
DNA NGS Panel solid tumor Lung extended	
DNA NGS Panel solid tumor Melanoma	
DNA NGS Panel solid tumor Pan-organ : 64 genes	
DNAJB1	RNA NGS Panel solid tumors, Pan-organ : 65 genes
DNMT3A	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
DNMT3A	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
DOC	11-Deoxycorticosterone
DOC	
Dolutegravir - Serum	
Dopamine	Catecholamines - free - Urine
Dopamine	Free catécholamines
Dopamine	Free catécholamines - children - Urine
Down syndrome	Trisomy 21 - 1st trimester combined screening
Down syndrome	Trisomy 21 - second-trimester maternal serum markers - 2 parameters
Down syndrome	Trisomy 21 - second-trimester maternal serum markers - 3 parameters
Doxy®	Doxycycline - Serum
Doxycycline - Serum	
Doxylis®	Doxycycline - Serum
Doxypalu®	Doxycycline - Serum
DP, DQ, DR alleles - genotyping	Class II HLA - HLA-DQ and HLA-DR genotyping - EDTA whole blood

DPYD	Pharmacogenetic option on exome already sequenced at Eurofins Biomnis
DPYD	Pharmacogenetic Passport - PharmacoPass Expert
dsDNA - anti-antibodies	Anti-DNA antibodies Double stranded DNA - Serum
dsDNA - anti-antibodies	Anti-DNA antibodies double stranded - Farr test - serum
Duloxetine - serum	
Dysgammaglobulinemia	Immunobinding - serum
Dysgammaglobulinemia	Protein electrophoresis and Immunobinding - serum
Dysmorphic fungi	Fungus - Yeasts - screening
E1	Oestrone - serum
E. coli O157:H7	Gastrointestinal Panel - direct diagnosis - PCR - Stools
E. granulosus - E. multilocularis	Echinococcosis - confirmation serology - serum
E. granulosus - E. multilocularis	Echinococcosis - screening serology - serum
E hepatitis	Hepatitis E - IgG antibody - serum
E hepatitis	Hepatitis E - IgM antibody - serum
E2	Oestradiol - man/child - serum
E2	Oestradiol - woman - serum
E2	
EA - IgA serology	Epstein-Barr Virus - EBV - IgA EA serology - serum
EA - IgG serology	Epstein-Barr Virus - EBV - IgG EA serology - serum
Early access	DNA NGS Panel solid tumor colo-rectal extended : 22 genes
Early access	DNA NGS Panel solid tumor Pan-organ : 64 genes
early antigen	Epstein-Barr Virus - EBV - IgA EA serology - serum
Early antigen	Epstein-Barr Virus - EBV - IgG EA serology - serum
Eberth bacillus	Salmonellosis - serology - serum
EBNA - IgG serology	Epstein-Barr Virus - EBV - VCA IgG, EBNA, IgG serology - serum
EBV	Epstein-Barr Virus - EBV - direct diagnosis - PCR
EBV	Epstein-Barr Virus - EBV - direct diagnosis - PCR - amniotic fluid
EBV	Epstein-Barr Virus - EBV - IgA EA serology - serum
EBV	Epstein-Barr Virus - EBV - IgG EA serology - serum
EBV	Epstein-Barr Virus - EBV - VCA IgG, EBNA, IgG serology - serum
EBV	Epstein-Barr Virus - EBV - VCA IgG/IgM and EBNA IgG serology - serum
EBV	Epstein-Barr Virus - EBV - VCA IgM serology - serum
EBV	Epstein-Barr Virus - EBV - viral load - PCR
EBV	viral meningoencephalitis panel - direct diagnosis - PCR
Ecgonine méthyl ester	Cocaine - dosage - plasma
Echinococcosis - confirmation serology - serum	
Echinococcosis - screening serology - serum	
echinocytes	Erythrocytes morphological aspect
Echovirus	Enterovirus - direct diagnosis - PCR
ECP - Eosinophil Cationic Protein	
Ecstasy	Amphetamines - dosage - plasma
Ecstasy	Amphetamines - dosage - urines
ECT - anti-antibodies	Anti-ENA antibodies (SSA, SSB, Sm, Rnp, Jo1, Scl-70) - screening and titration - Serum
EDA	Erythrocyte direct Coombs
EDDP	Methadone and EDDP - Serum
Edurant	Rilpivirine - Serum
Effexor®	Venlafaxine - serum
Effient	VASP - VAsodilatator Stimulated Phosphoprotein - whole blood
Efient	VASP - VAsodilatator Stimulated Phosphoprotein - whole blood
EGBE	Butoxyacetic acid - urine
EGFR	DNA NGS Panel for brain solid tumors
EGFR	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
EGFR	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A,
EGFR	RNA NGS Panel solid tumors, Pan-organ : 65 genes
EGFR - ALK - ROS1 - RET - MET - KRAS - BRAF - ERBB2 - NTRK1 - TP53 - STK11 -	DNA NGS Panel solid tumor Lung extended
EGFR - KRAS - BRAF - ERBB2 - MET - PIK3CA	DNA NGS Panel solid tumor Lung
EGFRvIII	RNA NGS panel for brain solid tumors
eggs	Parasitology - microscopy

EGLN1	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
EGLN2	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
EGLN2	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
Eicosapentaenoic acid	Fatty acids of erythrocyte menbrane - chromatography - Total EDTA blood - Fatty free
EJ - anti-antibodies	Myosite Markers - serum
Elavil®	Amitriptyline - Serum
electrolytes	Electrolytes stool - Stool
Electrolytes stool - Stool	
Eliquis	Apixaban(Eliquis ®) - Anti Xa activity measurement - plasma
elliptocytes	Erythrocytes morphological aspect
EML4	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Emtricitabine - plasma	
Emtriva®	Emtricitabine - plasma
ENA - anti-antibodies	Anti-ENA antibodies (SSA, SSB, Sm, Rnp, Jo1, Scl-70) - screening and titration - Serum
Enbrel®	Etanercept - serum
Encephalitozoon intestinalis	Cryptosporidies - Microsporidies - direct diagnosis - PCR
Endemic typhus	Rickettsioses - R. conorii, R. typhi - serology - serum
Endocrine tumors	Serotonin - whole blood
Endocrinologie	ACTH - Corticotrophin
Endocrinologie	Inhibin B - man
Endocrinologie	Oestradiol - woman - serum
Endocrinologie	Total HCG (HCG dimer + beta fraction) - serum
Endocrinologie	
Endocrinologu	
Endocrinology	11-Deoxycorticosterone
Endocrinology	11-Desoxycortisol - Compound S - - (Tubes without separating gel)
Endocrinology	17-Hydroxyprogesterone
Endocrinology	21-Deoxycortisol - (Tubes without separating gel)
Endocrinology	3-Alpha-Androstanediol Glucuronide - serum
Endocrinology	5-HIAA - 5-hydroxyindoleacetic acid - Urine
Endocrinology	ACTH - Corticotrophin - evening
Endocrinology	ACTH - Corticotrophin - morning
Endocrinology	ADH - Antidiuretic hormone - urine
Endocrinology	Aldosterone
Endocrinology	Aldosterone - Lying down
Endocrinology	Aldosterone - Standing or Sitting position
Endocrinology	Aldosterone - urine
Endocrinology	Alpha subunit - hCG, FSH, LH, TSH - serum
Endocrinology	AMH - Anti-Müllerian hormone
Endocrinology	AMH - Anti-Müllerian hormone - Child
Endocrinology	Angiotensin II - plasma
Endocrinology	CA 50 antigen - serum
Endocrinology	CAR - index - saliva
Endocrinology	Catecholamines - free - Urine
Endocrinology	Corticosterone - Compound B
Endocrinology	Cortisol - Compound F - evening - saliva
Endocrinology	Cortisol - Compound F - evening - Serum
Endocrinology	Cortisol - Compound F - morning - saliva
Endocrinology	Cortisol - Compound F - saliva
Endocrinology	Cortisol - Compound F - serum
Endocrinology	Cortisone - Compound E - plasma
Endocrinology	Cortisone - Compound E - urines
Endocrinology	C-peptide - serum
Endocrinology	C-peptide - Urines
Endocrinology	D4A - Delta-4-Androstenedione - serum
Endocrinology	DHEAS - Dehydroepiandrosterone sulfate
Endocrinology	DHT - Dihydrotestosterone - serum
Endocrinology	Free catécholamines

Endocrinology	Free catécholamines - children - Urine
Endocrinology	Free cortisol - Compound F - urine
Endocrinology	Free T3 - Free triiodothyronine - serum
Endocrinology	Free T4 - Free thyroxine - serum
Endocrinology	FSH - Follicle-stimulating hormone - serum
Endocrinology	FSH - Follicle-stimulating hormone - urines
Endocrinology	Gastrin - serum
Endocrinology	GH - Growth hormone - Serum
Endocrinology	Ghrelin - acylated and non acylated - plasma
Endocrinology	GHRH - Growth-Hormone-Releasing-Hormone - plasma
Endocrinology	Glucagon - plasma
Endocrinology	hCG - free beta chain - subunit - serum
Endocrinology	HOMA + QUICKI - index - serum
Endocrinology	Homovanillic acid - Urine
Endocrinology	IGF-1 - Somatomedin C - Serum
Endocrinology	IGF-2 - serum
Endocrinology	IGFBP-3 - Insulin-like Growth Factor Binding protein-3 - serum
Endocrinology	Inhibin A - serum
Endocrinology	Inhibin A - ultrasensitive - serum
Endocrinology	Inhibin B - Child - serum
Endocrinology	Inhibin B - woman
Endocrinology	Leptin - serum
Endocrinology	LH - Luteinising hormone - serum
Endocrinology	LH - Luteinising hormone - urines
Endocrinology	Methoxylated derivatives of catecholamines - Free metanephrines
Endocrinology	Methoxylated derivatives of catecholamines - Free metanephrines - child - Urine
Endocrinology	Methoxylated derivatives of catecholamines - Free metanephrines - Urine
Endocrinology	Oestradiol - man/child - serum
Endocrinology	Oestrone - serum
Endocrinology	Pregnenolone - serum
Endocrinology	Proinsulin - serum
Endocrinology	Prolactin - molecular forms - serum
Endocrinology	Prolactin - serum
Endocrinology	PTH-RP - Parathormone related protein - plasma
Endocrinology	Renin active
Endocrinology	Renin Active - lying
Endocrinology	Renin - Standing or Sitting position
Endocrinology	rT3 - Reverse triiodothyronine - Serum
Endocrinology	Serotonin - whole blood
Endocrinology	Sex-Binding Globulin - SHBG
Endocrinology	Somatostatin - plasma
Endocrinology	Steroid profile - urine
Endocrinology	Steroids panel - Examination of gonad function
Endocrinology	Steroids panel - Exploration of hirsutism
Endocrinology	Steroids panel - Testing for a disorder in steroid biosynthesis
Endocrinology	T3 - Triiodothyronine - urine
Endocrinology	T4 - Thyroxine - urine
Endocrinology	Testosterone Bioavailable - Man - serum
Endocrinology	Testosterone Bioavailable - woman/ child - serum
Endocrinology	Testosterone free - Serum
Endocrinology	Testosterone - man
Endocrinology	Testosterone - woman/child - serum
Endocrinology	Thyroxine-binding globulin - TBG - serum
Endocrinology	Total T3 - Total triiodothyronine - serum
Endocrinology	Total T4 - Total thyroxine - serum
Endocrinology	TSH - Thyroid-stimulating hormone - Third generation - serum
Endocrinology	Type III procollagen - serum
Endocrinology	Vanilmandelic acid - Urine

Endocrinology	VIP - Vasoactive Intestinal Polypeptide - plasma
Endocrinology	
EndocrinologY	DHEA - Dehydroepiandrosterone
EndocrinologY	Pregnenolone sulfate - serum
Endometrial	DNA NGS Panel solid tumor Endometrium
Endometrial adenocarcinoma	DNA NGS Panel solid tumor Endometrium
Endometrial cancer	DNA NGS Panel solid tumor Endometrium
Endometrial NGS panel	DNA NGS Panel solid tumor Endometrium
Endomysium - anti-IgA antibodies	Anti-endomysium antibodies - IgA - serum
Endomysium - anti-IgG antibodies	Anti-endomysium antibodies - IgG - serum
Endoplasmic reticulum - anti-antibodies - screening	Anti-LKM antibodies - endoplasmic reticulum - screening - serum
Endoplasmic reticulum - anti-antibodies - typing	Anti-LKM antibodies - endoplasmic reticulum - typing - serum
Endosulfan: alpha, beta, ether, lactone, sulfate	Pesticides - screening and/or dosage - urine
Endrin	Pesticides - screening and/or dosage - urine
Enolemie	Ethyl alcohol - serum
Entamoeba histolytica	Amoebiasis - serology - serum
Entamoeba histolytica	Gastrointestinal Panel - direct diagnosis - PCR - Stools
Entecavir - plasma	
enteral transmission	Hepatitis E - IgG antibody - serum
enteral transmission	Hepatitis E - IgM antibody - serum
Enteramin	Serotonin - whole blood
Enteroaggregative E. coli (EAEC)	Gastrointestinal Panel - direct diagnosis - PCR - Stools
Enterocytozoon bieneusi	Cryptosporidies - Microsporidies - direct diagnosis - PCR
Enteropathogenic E. coli (EPEC)	Gastrointestinal Panel - direct diagnosis - PCR - Stools
Enterotoxigenic E. coli (ETEC) lt/st	Gastrointestinal Panel - direct diagnosis - PCR - Stools
Enterovirus	Enterovirus - direct diagnosis - PCR
Enterovirus	Enterovirus - direct diagnosis - PCR - amniotic fluid
Enterovirus	viral meningoencephalitis panel - direct diagnosis - PCR
Entérovirus	Enterovirus - direct diagnosis - PCR
Entérovirus	Enterovirus - direct diagnosis - PCR - amniotic fluid
Entérovirus	Respiratory Infection Panel - direct diagnosis - PCR
Enterovirus - direct diagnosis - PCR	
Enterovirus - direct diagnosis - PCR - amniotic fluid	
entry inhibitors	HIV-1 Resistance Genotyping to antiretroviral drugs: envelope gene, tropism (RNA) -
Entyvio ®	Vedolizumab - serum
Envarsus	Tacrolimus - FK-506
Eosinophil Cationic Protein	ECP - Eosinophil Cationic Protein
Epanutin	Phenytoin - Serum
EPAS1	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
EPAS1	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
EPCAM	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
EPCAM	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM,
EPCAM	Panel Hereditary breast ovarian cancer and prostate Gènes ciblés: ATM, BRCA1,
EPEC	Escherichia coli - serotyping by agglutination (e.g. E. coli K1; EPEC; O157, etc.)
EPGX	Pharmacogenetic Passport - PharmacoPass Expert
Epinephrine	Catecholamines - free - Urine
Epinephrine	Free catécholamines
Epinephrine	Free catécholamines - children - Urine
Epitomax®	Topiramate - serum
Epivir®	Lamivudine - plasma
EPO	Erythropoietin - serum
Epstein-Barr virus	viral meningoencephalitis panel - direct diagnosis - PCR
Epstein-Barr Virus - EBV - direct diagnosis - PCR	
Epstein-Barr Virus - EBV - direct diagnosis - PCR - amniotic fluid	
Epstein-Barr Virus - EBV - IgA EA serology - serum	
Epstein-Barr Virus - EBV - IgG EA serology - serum	
Epstein-Barr Virus - EBV - MNI test - serum	
Epstein-Barr Virus - EBV - VCA IgG, EBNA, IgG serology - serum	

Epstein-Barr Virus - EBV - VCA IgG/IgM and EBNA IgG serology - serum	
Epstein-Barr Virus - EBV - VCA IgM serology - serum	
Epstein-Barr Virus - EBV - viral load - PCR	
ERBB2	DNA NGS Panel for cholangiocarcinoma
ERBB2	DNA NGS Panel solid tumor Breast
ERBB2	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
ERBB2	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A,
Erelzi ®	Etanercept - serum
ERG	RNA NGS Panel solid tumors, Pan-organ : 65 genes
erm	Non tuberculosis mycobacteria - PCR detection of macrolide and aminoglycoside
ERVE serology	Tick-borne encephalitis - TBE - IgG/IgM serology - serum
Erythema infectiosum	Parvovirus B19 - IgG/IgM serology - serum
Erythrocyte direct Coombs	
Erythrocyte folic acid	
Erythrocyte porphyrins	
Erythrocyte pyruvate kinase	Erythrocyte pyruvate kinase
Erythrocyte pyruvate kinase	
Erythrocytes folates	Erythrocyte folic acid
Erythrocytes morphological aspect	
Erythrocytes vitamin B9	Erythrocyte folic acid
Erythropoietin - serum	
Erythrovirus B19 - IgG serology	Parvovirus B19 - immunity test - serum
Erythrovirus B19 - IgG/IgM serology	Parvovirus B19 - IgG/IgM serology - serum
ESBL	Antibiotic multi-resistant bacteria (MRB) - screening
Escherichia coli - serotyping by agglutination (e.g. E. coli K1; EPEC; O157, etc.)	
Escherichia coli K1	Escherichia coli - serotyping by agglutination (e.g. E. coli K1; EPEC; O157, etc.)
Escitalopram - Serum	
Estazolam - Serum	
Etanercept - serum	
Ethanol	Ethyl alcohol
Ethanol	Ethyl alcohol - serum
Ethionamide resistance	Mycobacteria - PCR detection of mutations associated with resistance to isoniazid,
Ethosuximide - serum	
Ethyl alcohol	
Ethyl alcohol - serum	
Ethyl loflazepate - serum	
ETV6	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Euphylline	Theophylline - Serum
EUROIMMUN EUROLINE Dot	IgE against multiple individual allergens - food allergens - Serum
EUROIMMUN EUROLINE Dot	IgE against multiple individual allergens - Food and Inhalant panels - Serum
EUROIMMUN EUROLINE Dot	IgE against multiple individual allergens - inhalant allergens - Serum
everolimus	Everolimus
Everolimus	
Eviplera	Emtricitabine - plasma
Eviplera	Rilpivirine - Serum
Eviplera	Tenofovir - plasma
EWSR1	RNA NGS Panel for soft tissue tumors : 20 genes
EWSR1	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Exanthem subitum - serology	Herpes virus type 6 (HHV6) - IgG serology
Excess fat in stools	Steatorrhoea - fat dosage - stool
exchangeable copper / serum copper ratio.	Copper - exchangeable / free
exome	
Exome	Exome Isolated or syndromic intellectual disability and syndromic neurodevelopmental
Exome	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
Exome	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
Exome	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM,
Exome	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A,
Exome	Pancreatic oncogenetic panel Target genes : APC, ATM, BRCA1, BRCA2, CDK4,

Exome	Panel Hereditary breast ovarian cancer and prostate Gènes ciblés: ATM, BRCA1,
Exome	Prenatal exome
Exome	réinterprétation d'exome
Exome	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
Exome	Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R,
EXOME	exome
EXOME	Exome Congenital heart defects
EXOME	Exome Panel for chronic and hereditary pancreatitis
EXOME	Exome with interpretation interface
EXOME	Nephrology exome
EXOME	Oncogenetic exome
Exome Congenital heart defects	
Exome Isolated or syndromic intellectual disability and syndromic neurodevelopmental	
Exome Panel for chronic and hereditary pancreatitis	
Exome sequencing - Male infertility - Screening for mutations involved in male infertility	
Exome with interpretation interface	
Exon 14 skipping	RNA NGS Panel for lung cancers
Exons and flanking intronic regions	Cardiogenetic panel or exome
Exons and flanking intronic regions	exome
Exons and flanking intronic regions	Exome Congenital heart defects
Exons and flanking intronic regions	Exome Isolated or syndromic intellectual disability and syndromic neurodevelopmental
Exons and flanking intronic regions	Exome Panel for chronic and hereditary pancreatitis
Exons and flanking intronic regions	Exome with interpretation interface
Exons and flanking intronic regions	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
Exons and flanking intronic regions	Nephrology exome
Exons and flanking intronic regions	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
Exons and flanking intronic regions	Oncogenetic exome
Exons and flanking intronic regions	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM,
Exons and flanking intronic regions	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A,
Exons and flanking intronic regions	Pancreatic oncogenetic panel Target genes : APC, ATM, BRCA1, BRCA2, CDK4,
Exons and flanking intronic regions	Panel Hereditary breast ovarian cancer and prostate Gènes ciblés: ATM, BRCA1,
Exons and flanking intronic regions	Prenatal exome
Exons and flanking intronic regions	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
Exons and flanking intronic regions	Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R,
Exotic mycoses	Fungus - Yeasts - screening
Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-	
Extended phenotype	
EZR	RNA NGS Panel solid tumors, Pan-organ : 65 genes
F 1+2	Fragment 1+2 - prothrombin - plasma
Fabry disease	Lyso-Gb3
Factor 13	Factor XIII - plasma
Factor B - complement fraction - serum	
Factor I - complement fraction - serum	
Factor I - Fibrinogen - activity - plasma	
Factor I - Fibrinogen - antigen - plasma	
Factor II - anti-IgG antibodies	Anti-prothrombin antibodies - IgG - serum
Factor II - Prothrombin - activity - plasma	
Factor II - Prothrombin - G20210G>A mutation	
Factor IX - Antihaemophilic B - plasma	
Factor IX inhibitors	Anti-factor IX antibodies - screening - Plasma
Factor V - Proaccelerin - plasma	
Factor V inhibitors	Anti-Factor V antibodies - screening - Plasma
Factor V Leiden - p.Arg506Gln mutation	
Factor VII - anti-antibodies	Anti-factor VII antibodies - screening - Plasma
Factor VII - Proconvertin - plasma	
Factor VII inhibitors	Anti-factor VII antibodies - screening - Plasma
Factor VIII - Antihaemophilic A - plasma	
Factor VIII inhibitors	Anti-factor VIII antibodies - screening - Plasma

Factor VIII-related antigen	Von Willebrand factor - plasma
Factor Willebrand protease activity - ADAMTS 13	
Factor X - Stuart-Prower - plasma	
Factor XI - Rosenthal - plasma	
Factor XI inhibitors	Anti-factor XI antibodies - screening - Plasma
Factor XII - Hageman - plasma	
Factor XII inhibitors	Anti-factor XII antibodies - screening - Plasma
Factor XIII - plasma	
Faecal test -Functional coprology - Stool	
Familial Mediterranean fever - MEFV gene - new generation sequencing	
Familial restrictive cardiomyopathy	Cardiogenetic panel or exome
Farr test	Anti-DNA antibodies double stranded - Farr test - serum
Fasciola Hepatica - serology	Distomatosis - screening serology - serum
Fast track	Séquencage des gènes BRCA1 et BRCA2
Fatty acids free non-esterified - serum	
Fatty acids of erythrocyte menbrane - chromatography - Total EDTA blood - Fatty free acide	
FDP	FDP - fibrinogen and fibrin degradation products - plasma
FDP - fibrinogen and fibrin degradation products - plasma	
Felbamate - Serum	
fetal red blood cells in maternal blood	Fetal-maternal haemorrhage - EDTA whole blood
FETAL RH3 (RHE)	Fetal RH3(E) - genotyping
Fetal RH3(E) - genotyping	
FETAL RH4 (RHc)	Fetal RHc - genotyping
Fetal RHc - genotyping	
Fetal-maternal haemorrhage - EDTA whole blood	
FGFR	RNA NGS panel for brain solid tumors
FGFR1	DNA NGS Panel for brain solid tumors
FGFR1	RNA NGS Panel solid tumors, Pan-organ : 65 genes
FGFR2	RNA NGS Panel for cholangiocarcinoma
FGFR2	RNA NGS Panel solid tumors, Pan-organ : 65 genes
FGFR3	RNA NGS Panel solid tumors, Pan-organ : 65 genes
FH	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
FH	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
FH	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
FHSR	Hantavirus - IgG/IgM serology - serum
Fibrin monomers	Soluble complexes - plasma
Fibrin stabilising factor	Factor XIII - plasma
Fibrinogen - antigen	Factor I - Fibrinogen - antigen - plasma
Fibrinogen - functional	Factor I - Fibrinogen - activity - plasma
Fibrinogen - quantitation	Factor I - Fibrinogen - antigen - plasma
Fibrinogen and fibrin degradation products	FDP - fibrinogen and fibrin degradation products - plasma
Fibroma	Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R,
FibroMAX - . - serum	
FibroMeter	
Fibrose kystique	Cystic fibrosis Detection of variations within the CFTR gene after massive
FibroTest®	NASH-FibroTest - serum
FIBROTEST	FibroMAX - . - serum
Fibrotest - Actitest - . - serum	
Fièvre de Malte (GB : Malta fever)	Brucellosis - Serology (Rose bengale + brucellacapt) - serum
Fifth disease - IgG serology	Parvovirus B19 - immunity test - serum
Fifth disease - IgG/IgM serology	Parvovirus B19 - IgG/IgM serology - serum
Filamentous fungus	Fungus - Yeasts - screening
Filaria	Filariasis - serology - serum
Filariasis - serology - serum	
FIN - anti-antibodies	Anti-intrinsic factor antibodies - serum
Fit-test	Haemoglobin - screening - Stool
Flavivirus	Dengue fever - IgG/IgM serology - serum
Flavivirus - dengue fever	Dengue fever - IgG/IgM serology - serum

FLCN	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
FLCN	Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R,
Fleaborne typhus	Rickettsioses - R. conorii, R. typhi - serology - serum
Flecaine®	Flecainide - Serum
Flecainide - Serum	
Fletcher factor	Prekallikrein - activity - plasma
FLI1	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Flixabi	Infliximab
FLNC	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
Flow cytometry or circulating lymphocytes	Immunophenotyping of malignant hemopaties
Floxyfral®	Fluvoxamine - serum
FLU	Free cortisol - Compound F - urine
Fluconazole - Serum	
Fluke	Distomatosis - confirmation serology - serum
Fluke	Distomatosis - screening serology - serum
Fluoropyrimidines toxicity	Uracile - dosage(search a risk of toxicity to fluoropyrimidines)
Fluoroquinolones resistance	Mycobacteria - PCR detection of mutations associated with resistance to isoniazid,
Fluoxetine - serum	
Fluvoxamine - serum	
FMF	Familial Mediterranean fever - MEFV gene - new generation sequencing
FMR1	Fragile X - syndrome
foetal rhesus	
Folates	Folic acid - serum
Folic acid - serum	
Follicle-stimulating hormone	FSH - Follicle-stimulating hormone - serum
Follicle-stimulating hormone	FSH - Follicle-stimulating hormone - urines
Follicle-stimulating hormone	
folliculin	
Folliculin	Oestradiol - man/child - serum
Folliculin	Oestradiol - woman - serum
Folliculin	
Food intolerance	Nutritol - IgG food panel - 100 foods - serum
Food intolerance	Nutritol - IgG food panel - 25 foods - serum
Food intolerance	Nutritol - IgG food panel 287 foods - serum
Food intolerance	Nutritol - IgG food panel - 50 foods VEGAN - serum
Food intolerence	Nutritol - IgG food panel - 50 foods - serum
Fortum®	Ceftazidime - Serum
Fosfocine®	Fosfomycin - Serum
Fosfomycin - Serum	
Fosphenytoin	Phenytoin - Serum
FOXO1	RNA NGS Panel for soft tissue tumors : 20 genes
FOXO1	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Fragile X - syndrome	
Fragment 1+2 - prothrombin - plasma	
Francisella tularensis - serology	Tularemia - Francisella tularensis - serology total antibodies - serum
Free beta-hCG chain	hCG - free beta chain - subunit - serum
Free calcium	Ionised calcium
Free catécholamines	
Free catécholamines - children - Urine	
Free cortisol - Compound F - urine	
Free lite	Kappa free light chains - serum
Free lite	Lambda free light chains - serum
Free methoxyamines	Methoxylated derivatives of catecholamines - Free metanephrines
Free prostate-specific antigen	PSA - Prostate-specific antigen free - serum
Free protein S - antigen - plasma	
Free protein S antigen	Free protein S - antigen - plasma
Free PS Ag	Free protein S - antigen - plasma
Free T3 - Free triiodothyronine - serum	

Free T4 - Free thyroxine - serum	
Free tetraiodothyronine	Free T4 - Free thyroxine - serum
Free thyroxine	Free T4 - Free thyroxine - serum
Free triiodothyronine	Free T3 - Free triiodothyronine - serum
Free water clearance	Water - free - clearance
Freezing point depression measurement	Osmolarity - serum
Freezing point depression measurement	Osmolarity - urines
Fructosamine - serum	
FSF	Factor XIII - plasma
FSH - Follicle-stimulating hormone	
FSH - Follicle-stimulating hormone - serum	
FSH - Follicle-stimulating hormone - urines	
FSH - Follicle-stimulating hormone 7 time	
FSH - Follicle-stimulating hormone 8 time	
FSH - Follicle-stimulating hormone 9 time	
FT3	Free T3 - Free triiodothyronine - serum
FT4	Free T4 - Free thyroxine - serum
FTA	Syphilis - Treponemique test - screening serology - serum
Full blood count	Leukocyte Count Detailed
Full Neonatal screen - . - blotting paper	
Functional coprology	Faecal test -Functional coprology - Stool
Functional investigation	Faecal test -Functional coprology - Stool
Fungal infection	Candida - Mannane antigen - serum
Fungus - Yeasts - identification	
Fungus - Yeasts - MIC: Minimum Inhibitory Concentration	
Fungus - Yeasts - screening	
Furosemide	
Furosemide - urine	
Fusion	RNA NGS panel for brain solid tumors
Fusion	RNA NGS Panel for cholangiocarcinoma
Fusion	RNA NGS Panel for pancreatic cancer
Fusion	RNA NGS Panel for soft tissue tumors : 20 genes
Fusion	RNA NGS Panel for thyroid cancer
Fusions	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Fycompa®	Perampanel - Serum - PERAMPANEL
G12C	DNA NGS Panel for cholangiocarcinoma
G12C	DNA NGS Panel for pancreatic cancer
G20210A mutation	Factor II - Prothrombin - G20210G>A mutation
G6PD	G6PD - Glucose-6- phosphate dehydrogenase
G6PD	Pharmacogenetic option on exome already sequenced at Eurofins Biomnis
G6PD	Pharmacogenetic Passport - PharmacoPass Expert
G6PD - Glucose-6- phosphate dehydrogenase	
GAA	Guanidinoacetate and creatine - plasma
GAA	Guanidinoacetate and creatine - urine
Gabapentin - serum	
GAD65 - anti-antibodies	Anti-GAD antibodies - serum
GAG	Mucopolysaccharides - urines
Galactomannan	Aspergillosis - soluble antigen - testing - BAL
Galactomannan	Aspergillosis - soluble antigen - testing - serum
Galactose-1-Phosphate Uridyl transferase - EDTA whole blood	
Galactosemia	Galactose-1-Phosphate Uridyl transferase - EDTA whole blood
Gallstones/Saliva/Other - morphologic and infrared analysis	
GAM	IgA/G/M - Immunoglobulins A/G/M - serum
Gamma linoleic acid	Fatty acids of erythrocyte menbrane - chromatography - Total EDTA blood - Fatty free
Gamma-hydroxybutyric acid	GHB - Gamma-hydroxybutyric acid - urines
Gamma-interferon	Interferon gamma - CSF
Ganciclovir - plasma	
Ganglioma	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,

Gangliosides - anti-antibodies	Anti-glycolipid antibodies - CSF
Gangliosides - anti-antibodies	Anti-glycolipid antibodies - serum
Gastric	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM,
Gastrin - serum	
Gastroenteritis	Norovirus - direct diagnosis - PCR - Stools
Gastroenteritis	Norovirus - screening - Stools
Gastroenteritis	Rotavirus - rapid screening - Stools
Gastrointestinal Panel - direct diagnosis - PCR - Stools	
Gaucher - disease	Chitotriosidase - activity
Gaucher disease	Chitotriosidase - activity
GBM - anti-antibodies	Anti-glomerular basement membrane antibody - Serum
gène de résistance à la clarithromycine-PCR	Helicobacter pylori and clarithromycin resistance gene - direct diagnosis - PCR
Gene rearrangements (fusions) : ALK; FGFR2; FGFR3; RET; ROS1; EML4; KIF5B;	Circulating tumor DNA NGS Panel - Peripheral blood from Cell Free DNA tube : ambiant
Genetics of infertility	Exome sequencing - Male infertility - Screening for mutations involved in male infertility
Génétique	Séquencage des gènes BRCA1 et BRCA2
Genital ulcérations panel - direct diagnosis - PCR	
Génome	Genome by long-read sequencing (Nanopore) - EDTA whole blood
Genome by long-read sequencing (Nanopore) - EDTA whole blood	
Genotyping - HCV	Hepatitis C - genotyping
Genotyping of dihydropyrimidine dehydrogenase	
Genotyping of S and Z alpha-1-antitrypsin variants	Alpha-1 Antitrypsine - Testing for S and Z variants of the SERPINA1 gene
Gentalline	Gentamicine - Serum
Gentalline®	Gentamicine - Serum
Gentamicine - Serum	
GH - Growth hormone	
GH - Growth hormone 10 time	
GH - Growth hormone 11 time	
GH - Growth hormone - Serum	
GH - Growth hormone 7 time	
GH - Growth hormone 8 time	
GH - Growth hormone 9 time	
GH-RH	GHRH - Growth-Hormone-Releasing-Hormone - plasma
GHB - Gamma-hydroxybutyric acid - urines	
Ghrelin - acylated and non acylated - plasma	
GHRH - Growth-Hormone-Releasing-Hormone - plasma	
Giardia intestinalis	Gastrointestinal Panel - direct diagnosis - PCR - Stools
Giardia intestinalis	Parasitology - microscopy
Gilbert Syndrome - Screening for UGT1A1*28 (rs8175347) polymorphism	
GIST	PDGFR alpha - exons 12, 14, 18
Gliadin - anti-IgA antibodies	Anti deamidated gliadin peptides antibodies IgA - IgA - serum
Gliadin - anti-IgG antibodies	Anti deamidated gliadin peptides antibodies IgA - IgG - serum
Glibenclamide	Sulphonylureas - serum
Glibenclamide - serum	
Glibornuride	Sulphonylureas - serum
Glicazide	Sulphonylureas - serum
Glimepiride	Sulphonylureas - serum
Glipizide	Sulphonylureas - serum
Glivec	Imatinib
Global Check	Juvenalis - Panel - GlobalCheck
Globin - Screening for alpha or beta gene - postnatal	
Glomerular basement membrane - anti-antibodies	Anti-glomerular basement membrane antibody - Serum
Glucagon - plasma	
Glucocorticoid	Cortisol - Compound F - saliva
Glucocorticoid	Cortisol - Compound F - serum
Glucocorticoid	
Glucocorticoïde	
Glucophage®	Metformin
Glucose-6 phosphate dehydrogenase	G6PD - Glucose-6- phosphate dehydrogenase

Glutamate decarboxylase - anti-antibodies	Anti-GAD antibodies - CSF
Glutamate decarboxylase - anti-antibodies	Anti-GAD antibodies - serum
Glutamic acid decarboxylase - anti-antibodies	Anti-GAD antibodies - CSF
Glutamic acid decarboxylase - anti-antibodies	Anti-GAD antibodies - serum
Glutathione peroxidase - plasma	
Glycolipids - anti-antibodies	Anti-glycolipid antibodies - CSF
Glycolipids - anti-antibodies	Anti-glycolipid antibodies - serum
Glycopeptide-resistant enterococci	Antibiotic multi-resistant bacteria (MRB) - screening
Glycosaminoglycans	Mucopolysaccharides - urines
Glycosylated haemoglobin	Haemoglobin glycosylated - HbA1c - EDTA whole blood
Glycosylated proteins	Fructosamine - serum
GM1 - anti - antibodies	Anti-glycolipid antibodies - CSF
GM1 - anti-antibodies	Anti-glycolipid antibodies - serum
Goiffon	Faecal test -Functional coprology - Stool
Golimumab - serum	
Gonococcus	Neisseria gonorrhoeae - Detection by molecular amplification
Goodpasture's syndrome	Anti-glomerular basement membrane antibody - Serum
GOT2	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
GOT2	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
GP210	Anti-GP210 antibodies - serum
GPIaIIa antibodies	Anti-platelet antibodies bound or free - screening and identification
GPIbIX antibodies	Anti-platelet antibodies bound or free - screening and identification
GPIIbIIIa antibodies	Anti-platelet antibodies bound or free - screening and identification
GQ1b - anti-antibodies	Anti-glycolipid antibodies - CSF
GQ1b - anti-antibodies	Anti-glycolipid antibodies - serum
Granudoxy®	Doxycycline - Serum
GRE	Antibiotic multi-resistant bacteria (MRB) - screening
Growth hormone	GH - Growth hormone - Serum
Growth Hormone	GH - Growth hormone - Serum
Growth-Hormone-Releasing-Hormone - GH-RH	GHRH - Growth-Hormone-Releasing-Hormone - plasma
Guanidinoacetate and creatine - plasma	
Guanidinoacetate and creatine - urine	
Guthrie test	Full Neonatal screen - . - blotting paper
H63D mutation	Haemochromatosis - HFE gene - p.His63Asp mutation
HA test	Hyaluronic acid - pleural fluid
HA test	Hyaluronic acid - serum
HAD	ADH - Antidiuretic hormone
HAD	ADH - Antidiuretic hormone - urine
Haematological and molecular cytogenetics - FISH	
Haemochromatosis	Haemochromatosis - HFE gene - p.Cys282Tyr mutation
Haemochromatosis	Haemochromatosis - HFE gene - p.His63Asp mutation
Haemochromatosis	Haemochromatosis - HFE gene - p.Ser65Cys mutation
Haemochromatosis - HFE gene - p.Cys282Tyr mutation	
Haemochromatosis - HFE gene - p.His63Asp mutation	
Haemochromatosis - HFE gene - p.Ser65Cys mutation	
Haemoglobin	
Haemoglobin - electrophoresis - whole blood	
Haemoglobin - screening - Stool	
Haemoglobin anomaly	Haemoglobin - electrophoresis - whole blood
Haemoglobin electrophoresis	Haemoglobin - electrophoresis - whole blood
Haemoglobin glycosylated - HbA1c - EDTA whole blood	
Haemoglobin HbA1c fraction	Haemoglobin glycosylated - HbA1c - EDTA whole blood
Haemophilus ducreyi	Genital ulcérations panel - direct diagnosis - PCR
Haemophilus ducreyi - direct diagnosis - PCR	
Haemophilus ducreyi - screening	
Haemophilus influenzae	Haemophilus influenzae B - IgG serology - serum
Haemophilus influenzae B - IgG serology - serum	
Hageman - factor	Factor XII - Hageman - plasma

Hageman factor	Factor XII - Hageman - plasma
Halcion®	Triazolam - serum
Haldol®	Haloperidol
Haloperidol	
Hantan	Hantavirus - IgG/IgM serology - serum
Hantavirus - IgG/IgM serology - serum	
HAV - IgM antibodies	Hepatitis A - IgM antibody - serum
HAV - total antibodies	Hepatitis A - IgG immunity screening - serum
Havlane®	Loprazolam - Serum
HbA1c	Haemoglobin glycosylated - HbA1c - EDTA whole blood
HBc - IgM antibodies	Hepatitis B - anti-HBc antibodies - IgM - serum
HBc - total antibodies	Hepatitis B - total anti-HBc antibodies - serum
HBe - antigen	Hepatitis B - HBe antigen - serum
HBe - total antibodies	Hepatitis B - anti-HBe antibodies - serum
HBe - total antibodies - titration	Hepatitis B - anti-HBs antibodies - titration - serum
HBe antigen	Hepatitis B - HBe antigen - serum
HBOC	Panel Hereditary breast ovarian cancer and prostate Gènes ciblés: ATM, BRCA1,
HBs - antigens	Hepatitis B - Qualitative HBs antigen - serum
HBs antigen	Hepatitis B - Qualitative HBs antigen - serum
HBs antigen quantification	Hepatitis B - HBs antigen - quantitative - serum
HBs antigen titration	Hepatitis B - HBs antigen - quantitative - serum
HBV - anti-viral resistance profile	Hepatitis B Genotyping and Antiviral Resistance Profile - serum
HBV - anti-HBc IgM antibodies	Hepatitis B - anti-HBc antibodies - IgM - serum
HBV - Anti-HBc IgM antibodies	Hepatitis B - anti-HBc antibodies - IgM - serum
HBV - HBe antigen	Hepatitis B - HBe antigen - serum
HBV - HBs antigen	Hepatitis B - Qualitative HBs antigen - serum
HBV - quantitative determination - viral load	Hepatitis B - viral load - PCR
HBV - total anti-HBc antibodies	Hepatitis B - total anti-HBc antibodies - serum
HBV - Total anti-HBc antibodies	Hepatitis B - total anti-HBc antibodies - serum
HBV - total anti-HBe antibodies	Hepatitis B - anti-HBe antibodies - serum
HBV - Total anti-HBe antibodies	Hepatitis B - anti-HBe antibodies - serum
HBV - total anti-HBs antibodies - titration	Hepatitis B - anti-HBs antibodies - titration - serum
HBV - Total anti-HBs antibodies - titration	Hepatitis B - anti-HBs antibodies - titration - serum
HBV genotyping	Hepatitis B Genotyping and Antiviral Resistance Profile - serum
HC protein	Alpha-1 Microglobulin - Urine (urination)
HCB	Pesticides - screening and/or dosage - urine
hCG - free beta chain - subunit - serum	
hCG - free beta-subunit	hCG - free beta chain - subunit - serum
hcG dimeric molecule (alpha + beta) - biological fluid	
hCG dimers	Total HCG (HCG dimer + beta fraction) - serum
hCT	Calcitonin - aspiration biopsy
hCT	Calcitonin - Serum
HCV - genotyping	Hepatitis C - genotyping
HCV - quantitative determination - viral load	Hepatitis C - viral load - quantitative PCR
HCV - screening serology	Hepatitis C - screening serology - Serum
HCV - viral RNA - PCR	Hepatitis C - viral RNA detection - PCR - serum
Hcy	Homocysteine - plasma
HDL cholesterol	HDL cholesterol - serum
HDL cholesterol - serum	
HDS	DNA fragmentation test - DNA decondensation - SCSA - Sperm
HDV	Hepatitis Delta - Viral load - PCR
HDV - antigen	Hepatitis Delta - antigen - serum
HDV - IgM antibodies	Hepatitis Delta - IgM antibody - serum
HDV - total antibodies	Hepatitis Delta (VHD) ¿ Serological screening for total antibodies - serum
HE4- ROMA calculation - serum	
Health Index	[-2]pro-PSA - Phi score calculation - serum
Helicobacter pylori - 13C urea breath test - expired gas	
Helicobacter pylori - antigen - Stools	

Helicobacter pylori - culture	
Helicobacter pylori - IgG serology - serum	
Helicobacter pylori and clarithromycin resistance gene - direct diagnosis - PCR	
Helminthes	Helminthes - Protozoaires - direct diagnosis - PCR - Stool
Helminthes - Protozoaires - direct diagnosis - PCR - Stool	
Hemigoxine®	Digoxin - Serum
Hemipralon® LP	Propranolol - Serum
Hemophilus	Haemophilus influenzae B - IgG serology - serum
Heparin - PF4 - anti-antibodies	Anti-PF4 antibodies - heparin - plasma
Heparin induced thrombocytopenia - functional test	
Heparin-induced thrombopaenia - screening	Anti-PF4 antibodies - heparin - plasma
Heparinaemia	Anti-Xa activity : Standard heparin - NFH - plasma
hépatite Delta	Hepatitis Delta - Viral load - PCR
Hepatite E	Hepatitis E - direct diagnosis - PCR
Hepatite E virus	Hepatitis E - direct diagnosis - PCR
Hepatitis A - IgG immunity screening - serum	
Hepatitis A - IgM antibody - serum	
Hepatitis B - anti-HBc antibodies - IgM - serum	
Hepatitis B - anti-HBe antibodies - serum	
Hepatitis B - anti-HBs antibodies - titration - serum	
Hepatitis B - HBe antigen - serum	
Hepatitis B - HBs antigen - quantitative - serum	
Hepatitis B - Qualitative HBs antigen - serum	
Hepatitis B - total anti-HBc antibodies - serum	
Hepatitis B - viral load - PCR	
Hepatitis B Genotyping and Antiviral Resistance Profile - serum	
Hepatitis C - Anti-viral resistance profile - serum	
Hepatitis C - confirmation - serum	
Hepatitis C - genotyping	
Hepatitis C - screening serology - Serum	
Hepatitis C - viral load - quantitative PCR	
Hepatitis C - viral RNA detection - PCR - serum	
Hepatitis C confirmation	Hepatitis C - confirmation - serum
Hepatitis C resistance mutations screening	Hepatitis C - Anti-viral resistance profile - serum
Hepatitis Delta - antigen - serum	
Hepatitis Delta - IgM antibody - serum	
Hepatitis Delta - Viral load - PCR	
Hepatitis Delta (VHD) ¿ Serological screening for total antibodies - serum	
Hepatitis E - direct diagnosis - PCR	
Hepatitis E - IgG antibody - serum	
Hepatitis E - IgM antibody - serum	
Hepatitis E antibodies	Hepatitis E - IgM antibody - serum
Heptachlor	Pesticides - screening and/or dosage - urine
HER2 - Human Epidermal growth factor Receptor 2 - c-erbB-2 protein - serum	
HER2 ECD - extracellular domain	HER2 - Human Epidermal growth factor Receptor 2 - c-erbB-2 protein - serum
Hereditary amyloidosis	Amylose héréditaire à transthyrétine - Etude moléculaire du gène TTR par séquençage
hereditary spherocytosis - screening (eosin-5'-maleimide (EMA) staining)	
Heroin	Opiates - dosage - plasma
Heroin	Opiates - dosage - urines
Herpes simplex 1/2	Genital ulcérations panel - direct diagnosis - PCR
Herpes simplex virus 1/2	Vesicular eruptions panel - direct diagnosis - PCR
Herpes simplex virus 1/2 - HSV - direct diagnosis - PCR	
Herpes simplex virus 1/2 - HSV - direct diagnosis - PCR - amniotic fluid	
Herpes simplex virus 1/2 - HSV - IgM serology - serum	
Herpes Simplex Virus-HSV1 IgG & HSV2 IgG - IgG serology - serum	
Herpes type 1 2	viral meningoencephalitis panel - direct diagnosis - PCR
Herpes Viridae	Herpes simplex virus 1/2 - HSV - IgM serology - serum
Herpes Viridae	Herpes Simplex Virus-HSV1 IgG & HSV2 IgG - IgG serology - serum

Herpes virus type 6 (HHV6) - direct diagnosis - PCR	
Herpes virus type 6 (HHV6) - IgG serology	
Herpes virus type 6 (HHV6) - IgM serology	
Herpes virus type 6 (HHV6) - viral load - PCR	
Herpes Virus type 7 - direct diagnosis - PCR	
Herpes virus type 8 (HHV8) - direct diagnosis - PCR	
Herpes virus type 8 (HHV8) - viral load	
Herpes ZOSTER	Varicella zoster virus - IgM Serology - serum
Herpes zoster - IgM serology	Varicella zoster virus - IgM Serology - serum
Herpes zoster - immunity test - IgG antibodies	Varicella zoster virus - IgG serology - serum
Herpes zoster - viral DNA - PCR	Varicella zoster virus - direct diagnosis - PCR
HEV	Hepatitis E - direct diagnosis - PCR
HEV	Hepatitis E - IgG antibody - serum
HEV - IgG antibodies	Hepatitis E - IgG antibody - serum
HEV - IgM antibodies	Hepatitis E - IgM antibody - serum
HFSR hemorragic fever syndrome renal	Hantavirus - IgG/IgM serology - serum
Hg	Mercury
Hg	Mercury - Urine
hGH	GH - Growth hormone - Serum
HHV	Herpes virus type 6 (HHV6) - IgM serology
HHV-3 (human herpesvirus 3)	Varicella zoster virus - direct diagnosis - PCR - amniotic fluid
HHV-5	Cytomegalovirus - CMV - - direct diagnosis - PCR
HHV-5	Cytomegalovirus - CMV - - direct diagnosis - PCR - amniotic fluid
HHV-6 - molecular diagnosis	Herpes virus type 6 (HHV6) - direct diagnosis - PCR
HHV-6 - PCR	Herpes virus type 6 (HHV6) - direct diagnosis - PCR
HHV-6 - serology	Herpes virus type 6 (HHV6) - IgG serology
HHV-8 - molecular diagnosis	Herpes virus type 8 (HHV8) - direct diagnosis - PCR
HHV-8 - molecular diagnosis	Herpes virus type 8 (HHV8) - viral load
HHV-8 - PCR	Herpes virus type 8 (HHV8) - direct diagnosis - PCR
HHV6	Herpes virus type 6 (HHV6) - IgM serology
HHV6	Herpes virus type 6 (HHV6) - viral load - PCR
HHV6	viral meningoencephalitis panel - direct diagnosis - PCR
HHV7 - Herpes virus	Herpes Virus type 7 - direct diagnosis - PCR
HHV8 - PCR	Herpes virus type 8 (HHV8) - viral load
HIAA 5	5-HIAA - 5-hydroxyindoleacetic acid - Urine
High DNA Stainability	DNA fragmentation test - DNA decondensation - SCSA - Sperm
High¿grade serous ovarian carcinoma	Homologous recombination deficiency (HRD) and somatic mutations of the BRCA1 and
Hippurate	Hippuric acid - urine
Hippuric acid - urine	
Hirst serology	Influenza A and B - IgG serology - serum
Hirst test	Influenza A and B - IgG serology - serum
Histones - anti-antibodies	Anti-histone antibodies - serum
Histoplasma	Fungus - Yeasts - screening
HIT	Anti-PF4 antibodies - heparin - plasma
HIT	Heparin induced thrombocytopenia - functional test
HIT - screening	Anti-PF4 antibodies - heparin - plasma
HIT functional test	Heparin induced thrombocytopenia - functional test
HIT screening	Heparin induced thrombocytopenia - functional test
HIV	HIV-1 Resistance Genotyping to antiretroviral drugs: envelope gene, tropism (RNA) -
HIV	HIV2 - Human Immunodeficiency Virus - viral load - Plasma
HIV	HIV - Human Immunodeficiency Virus - viral load - CSF
HIV1 - Human Immunodeficiency Virus - viral load - Plasma	
HIV1/2 - Human Immunodeficiency Virus - confirmatory serology by immuno-transfer	
HIV1/2 - Human Immunodeficiency Virus - screening serology - serum	
HIV - Human Immunodeficiency Virus - p24 antigen - serum	
HIV - Human Immunodeficiency Virus - viral load - CSF	
HIV - p24 Ag	HIV - Human Immunodeficiency Virus - p24 antigen - serum
HIV - viral load	HIV1 - Human Immunodeficiency Virus - viral load - Plasma

HIV-1 antigen	HIV - Human Immunodeficiency Virus - p24 antigen - serum
HIV-1 in CSF	HIV - Human Immunodeficiency Virus - viral load - CSF
HIV-1: Qualitative RNA detection, suspected primary infection - serum	
HIV-1 Resistance Genotyping to antiretroviral drugs: envelope gene, tropism (RNA) - plasma	
HIV-1 Resistance Genotyping to antiretroviral drugs: reverse transcriptase, protease, and	
HIV-1/2 - confirmation serology	HIV1/2 - Human Immunodeficiency Virus - confirmatory serology by immuno-transfer
HIV-1/2 - screening control serology	HIV1/2 - Human Immunodeficiency Virus - screening serology - serum
HIV-1/2 - Western blot	HIV1/2 - Human Immunodeficiency Virus - confirmatory serology by immuno-transfer
HIV2 - Human Immunodeficiency Virus - viral load - Plasma	
HIV-1/2 immunoblot	HIV1/2 - Human Immunodeficiency Virus - confirmatory serology by immuno-transfer
HIV-2	HIV2 - Human Immunodeficiency Virus - viral load - Plasma
HIV-genotypic identification of ressitance to antiviral drugs	HIV-1 Resistance Genotyping to antiretroviral drugs: reverse transcriptase, protease,
HIV-RNA viral load	HIV1 - Human Immunodeficiency Virus - viral load - Plasma
H+K+ ATPase - anti antibodies	Anti-proton pump antibodies - serum
HLA class 1	HLA-C genotyping (HLA de classe I) - Total EDTA blood
HLA Class 1	Class I HLA - HLA-A and HLA-B genotyping - EDTA whole blood
HLA class 2	Class II HLA - HLA-DQ and HLA-DR genotyping - EDTA whole blood
HLA class 2	HLA-C genotyping (HLA de classe I) - Total EDTA blood
HLA de classe 1 - génotypage HLA-C	HLA-C genotyping (HLA de classe I) - Total EDTA blood
HLA-A and HLA-B - genotyping	Class I HLA - HLA-A and HLA-B genotyping - EDTA whole blood
HLA-B27 - genotyping	
HLA-B27 antigen	HLA-B27 - genotyping
HLA-B27 genotyping	HLA-B27 - genotyping
HLA-B27 leukocyte and platelet antigens	HLA-B27 - genotyping
HLA-B27 typing	HLA-B27 - genotyping
HLA-C genotyping (HLA de classe I) - Total EDTA blood	
hMPV	Paediatric respiratory viruses (RSV / Metapneumovirus / Rhinovirus) - direct diagnosis -
HNF1B	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
HNF1B	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
HOMA	Insulin - serum
HOMA + QUICKI - index - serum	
HOMA index	Insulin - serum
Homocysteinaemia	Homocysteine - plasma
Homocysteine - plasma	
Homogentisic acid	
Homologous recombination deficiency (HRD) and somatic mutations of the BRCA1 and	
Homologous recombination DNA repair defect	Homologous recombination deficiency (HRD) and somatic mutations of the BRCA1 and
Homovanilate	Homovanillic acid - Urine
Homovanillic acid - Urine	
HOXB13	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
HOXB13	Pancreatic oncogenetic panel Target genes : APC, ATM, BRCA1, BRCA2, CDK4,
HOXB13	Panel Hereditary breast ovarian cancer and prostate Gènes ciblés: ATM, BRCA1,
Hp - 13C-urea breath tests	Helicobacter pylori - 13C urea breath test - expired gas
Hp - antigens	Helicobacter pylori - antigen - Stools
Hp - culture	Helicobacter pylori - culture
Hp - IgG serology	Helicobacter pylori - IgG serology - serum
HPV	Papillomavirus - HPV Détection and Typing of 19 high-risk HPV and 18 low-risk HPV -
HPV 16	Detection of the HPV16 genome in the context of anal cancer screening
HPV anal	Detection of the HPV16 genome in the context of anal cancer screening
HPV test for vaginal sampling or self-sampling	
H.pylori	Helicobacter pylori and clarithromycin resistance gene - direct diagnosis - PCR
HRAS	DNA NGS Panel for brain solid tumors
HRAS	DNA NGS Panel for thyroid cancer
HRD	DNA NGS Panel for pancreatic cancer
HRD - BRCA1 - BRCA2	Homologous recombination deficiency (HRD) and somatic mutations of the BRCA1 and
HRP - HRR	Homologous recombination deficiency (HRD) and somatic mutations of the BRCA1 and
HSV	Herpes simplex virus 1/2 - HSV - direct diagnosis - PCR
HSV	Herpes simplex virus 1/2 - HSV - direct diagnosis - PCR - amniotic fluid

HSV1	Genital ulcérations panel - direct diagnosis - PCR
HSV1	Vesicular eruptions panel - direct diagnosis - PCR
HSV 1	Herpes simplex virus 1/2 - HSV - direct diagnosis - PCR - amniotic fluid
HSV 1 and HSV 2	Herpes simplex virus 1/2 - HSV - direct diagnosis - PCR
HSV1 and HSV2	viral meningoencephalitis panel - direct diagnosis - PCR
HSV 2	Herpes simplex virus 1/2 - HSV - direct diagnosis - PCR - amniotic fluid
HSV 4	Epstein-Barr Virus - EBV - VCA IgG/IgM and EBNA IgG serology - serum
HSV2	Genital ulcérations panel - direct diagnosis - PCR
HSV2	Vesicular eruptions panel - direct diagnosis - PCR
HSV-1	Herpes simplex virus 1/2 - HSV - direct diagnosis - PCR
HSV-1 and -2 - IgG serology	Herpes Simplex Virus-HSV1 IgG & HSV2 IgG - IgG serology - serum
HSV-1 and -2 - IgM serology	Herpes simplex virus 1/2 - HSV - IgM serology - serum
HSV5	Cytomegalovirus - CMV - - IgG/IgM serology - serum
HSV6	Herpes virus type 6 (HHV6) - IgG serology
HT	Serotonin - whole blood
HT21	Trisomy 21 - 1st trimester combined screening
HT21	Trisomy 21 - second-trimester maternal serum markers - 2 parameters
HT21	Trisomy 21 - second-trimester maternal serum markers - 3 parameters
hTg	Thyroglobulin
HTLV 1 and 2 Anti antibodies	HTLV I/II - screening serology - serum
HTLV I/II - confirmation serology - serum	
HTLV I/II - screening serology - serum	
HTLV I/II Qualitative PCR - EDTA whole blood	
HTLV-1 and -2 - anti-antibodies	HTLV I/II - confirmation serology - serum
Hu - anti-antibodies	Anti-neuron antibodies - serum
Hukyndra	Adalimumab
Hulio	Adalimumab
Human babesiosis - serology - serum	
Human chorionic gonadotropin - whole molecule	Total HCG (HCG dimer + beta fraction) - serum
Human ehrlichiosis - IgG/IgM serology - serum	
Human Enterovirus/rhinovirus	Respiratory Infection Panel - direct diagnosis - PCR
Human epididymis protein 4	HE4- ROMA calculation - serum
Human Growth Hormone	GH - Growth hormone - Serum
Human Herpes Virus-5	Cytomegalovirus - CMV - - direct diagnosis - PCR
Human Herpes Virus-5	Cytomegalovirus - CMV - - direct diagnosis - PCR - amniotic fluid
Human immunodeficiency virus - profile of resistance to antiviral drug	HIV-1 Resistance Genotyping to antiretroviral drugs: envelope gene, tropism (RNA) -
Human immunodeficinecy virus - antiviral resistance profile	HIV-1 Resistance Genotyping to antiretroviral drugs: reverse transcriptase, protease,
Human Metapneumovirus	Respiratory Infection Panel - direct diagnosis - PCR
Human papillomavirus (HPV) primary screening	Detection of high-risk HPV nucleic acids using a molecular technique as part of primary
Human Parainfluenza Virus 1, 2, 3 - serology	Parainfluenzae 1, 2, 3 - IgG serology - serum
Human tissue transglutaminase - IgA - anti-antibodies	Human tissue transglutaminase antibody - IgA - serum
Human tissue transglutaminase - IgG - anti-antibodies	Human tissue transglutaminase antibody - IgG - serum
Human tissue transglutaminase antibody - IgA - serum	
Human tissue transglutaminase antibody - IgG - serum	
Humira	Adalimumab
HVA	Homovanillic acid - Urine
Hyaluronate	Hyaluronic acid - pleural fluid
Hyaluronate	Hyaluronic acid - serum
Hyaluronic acid - pleural fluid	
Hyaluronic acid - serum	
Hydatid cyst - echinococcus multilocularis	Echinococcosis - confirmation serology - serum
Hydatid cyst - echinococcus multilocularis	Echinococcosis - screening serology - serum
Hydatidosis	Echinococcosis - confirmation serology - serum
Hydatidosis	Echinococcosis - screening serology - serum
Hydrocortisone	Cortisol - Compound F - saliva
Hydrocortisone	Cortisol - Compound F - serum
Hydrocortisone	
Hydroquinidine - Serum	

Hydroxychloroquine - EDTA whole blood	
Hydroxyindoleacetic - 5	5-HIAA - 5-hydroxyindoleacetic acid - Urine
Hydroxyrisperidone	Risperidone
Hydroxytryptamine - whole blood	Serotonin - whole blood
Hypertrophic cardiomyopathy	Cardiogenetic panel or exome
Hyrimoz	Adalimumab
I Factor	Factor I - complement fraction - serum
IA-2 - anti-antibodies	Anti-tyrosine phosphatase antibodies - IA-2 - serum
IAA	Anti-insulin antibodies - serum
IAT - screening/identification	Indirect antiglobulin test - IAT - screening/identification
ICA	Anti-islet cell antibodies - ICA - serum
ICS	Anti-epidermal basement membrane and intracellular substance antibodies - serum
ICS	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
Idacio	Adalimumab
IDH1	DNA NGS Panel for brain solid tumors
IDH1	DNA NGS Panel for cholangiocarcinoma
IDH2	DNA NGS Panel for brain solid tumors
Idiopathic extramembranous glomerulonephritis	anti-PLA2R antibodies
Idiopathic membranous nephropathy (IMN)	anti THSD7A antibodies
IFCC	Carbohydrate-deficient transferrin - serum
IFN a- neutralizing antibody	Interferon alpha - neutralizing antibody - serum
IFN-a	Interferon alpha - biological fluid
IFN-a	Interferon alpha - CSF
IFN-a	Interferon alpha - serum
IFNL3	Pharmacogenetic option on exome already sequenced at Eurofins Biomnis
IFNL3	Pharmacogenetic Passport - PharmacoPass Expert
IFS	Immunobinding - serum
IFS	Protein electrophoresis and Immunobinding - serum
IgA - anti-antibodies	Anti-IgA antibodies - serum
IgA - Immunoglobulin A - IgA1 and IgA2 subclasses - serum	
IgA - Immunoglobulin A - serum	
IgA - Immunoglobulin A secretory - Stool	
IgA subclasses - IgA1/2	IgA - Immunoglobulin A - IgA1 and IgA2 subclasses - serum
IgA/G/M - Immunoglobulins A/G/M - serum	IgA/G/M - Immunoglobulins A/G/M - serum
IgA/G/M - Immunoglobulins A/G/M - serum	
IgAS	IgA - Immunoglobulin A secretory - Stool
IgD - immunoglobulins D - serum	
IgE against multiple individual allergens - food allergens - Serum	
IgE against multiple individual allergens - Food and Inhalant panels - Serum	
IgE against multiple individual allergens - inhalant allergens - Serum	
IgE (RAST) - medications - single allergen	Specific IgE medicines - single allergen - GSD Gold Standard Diagnostic - serum,
IgE (RAST) - medications - single allergen	Specific IgE medicines - single allergen-Phadia
IGF-1 - Somatomedin C - Serum	
IGF-2 - serum	
IGF-BP3	IGFBP-3 - Insulin-like Growth Factor Binding protein-3 - serum
IGFBP-3 - Insulin-like Growth Factor Binding protein-3 - serum	
IgG1 subclasses	IgG - immunoglobulins G - IgG1 subclasses - serum
IgG - immunoglobulins G - CSF	
IgG - immunoglobulins G - IgG1 subclasses - serum	
IgG - immunoglobulins G - IgG2 subclasses - serum	
IgG - immunoglobulins G - IgG3 subclasses - serum	
IgG - immunoglobulins G - IgG4 subclasses - serum	
IgG - immunoglobulins G - serum	
IgG Allergens	SPECIFIC IgG - serum
IgG antibody avidity - CMV	Cytomegalovirus - CMV - IgG avidity test - serum
IgG avidity index - Rubella	Rubella - antibody avidity - IgG - serum
IgG2 subclasses	IgG - immunoglobulins G - IgG2 subclasses - serum
IgG-RAST	SPECIFIC IgG - serum

IgG3 subclasses	IgG - immunoglobulins G - IgG3 subclasses - serum
IgG4	IgG - immunoglobulins G - IgG4 subclasses - serum
IgG4 Allergens	SPECIFIC IgG4 - serum
IgG4 subclasses	IgG - immunoglobulins G - IgG4 subclasses - serum
IgM - immunoglobulins M - serum	
IgM antibodies - HAV	Hepatitis A - IgM antibody - serum
IGRA	Interferon gamma production - Quantiferon® TB Gold Plus
IL-1 beta	Interleukin (IL)-1 beta
IL-1Beta	Interleukin (IL)-1 beta
IL-5	Interleukin (IL)-5
IL-6	Interleukin (IL)-6
IL-8	Interleukin (IL)-8
IL28B genotyping	Interleukin 28B (IL28B polymorphisme C/T rs 12979860) - genotyping - EDTA whole
Imatinib	
immu check	Juvenalis - ImmuCheck
Immunobinding - serum	
immunoblot	HTLV I/II - confirmation serology - serum
Immunoblot - HCV	Hepatitis C - confirmation - serum
Immunoelectrophoresis	Immunobinding - serum
Immunoelectrophoresis	Protein electrophoresis and Immunobinding - serum
Immunoglobulin A - anti-antibodies	Anti-IgA antibodies - serum
Immunoglobulins A	IgA - Immunoglobulin A - serum
Immunoglobulins A- IgA1/2 subclasses	IgA - Immunoglobulin A - IgA1 and IgA2 subclasses - serum
Immunoglobulins D	IgD - immunoglobulins D - serum
Immunoglobulins G	IgG - immunoglobulins G - CSF
Immunoglobulins G	IgG - immunoglobulins G - serum
Immunoglobulins G/A/M quantitation	IgA/G/M - Immunoglobulins A/G/M - serum
Immunoglobulins M	IgM - immunoglobulins M - serum
Immunological fibrinogen	Factor I - Fibrinogen - antigen - plasma
Immunophenotyping: Lymphocytes B - CD19 - EDTA whole blood	
Immunophenotyping: Lymphocytes CD3-CD4-CD8 - EDTA whole blood	
Immunophenotyping: Lymphocytes CD56+ / CD16+ - Natural Killer Cells - EDTA whole	
Immunophenotyping: Lymphocytes NK/CD57 - EDTA whole blood	
Immunophenotyping of malignant hemopaties	
Immunotherapy	DNA NGS Panel solid tumor Colon
Immunotherapy	DNA NGS Panel solid tumor colo-rectal extended : 22 genes
IMN	Epstein-Barr Virus - EBV - IgA EA serology - serum
IMN	Epstein-Barr Virus - EBV - IgG EA serology - serum
IMN	Epstein-Barr Virus - EBV - VCA IgG, EBNA, IgG serology - serum
IMN	Epstein-Barr Virus - EBV - VCA IgG/IgM and EBNA IgG serology - serum
IMN	Epstein-Barr Virus - EBV - VCA IgM serology - serum
Imraldi	Adalimumab
Imupro	Nutritol - IgG food panel 287 foods - serum
Index Kappa - CSF + serum	
Indirect antiglobulin test - IAT - screening/identification	
Indirect Coombs	Indirect antiglobulin test - IAT - screening/identification
INF-alpha	Interferon alpha - biological fluid
INF-alpha	Interferon alpha - CSF
INF-alpha	Interferon alpha - serum
INF-alpha - neutralizing antibody	Interferon alpha - neutralizing antibody - serum
INF-gamma	Interferon gamma - CSF
Infection tuberculeuse latente	Interferon gamma production - Quantiferon® TB Gold Plus
Infectious mononucleosis	Epstein-Barr Virus - EBV - IgA EA serology - serum
Infectious mononucleosis	Epstein-Barr Virus - EBV - IgG EA serology - serum
Infectious mononucleosis	Epstein-Barr Virus - EBV - VCA IgG, EBNA, IgG serology - serum
Infectious mononucleosis	Epstein-Barr Virus - EBV - VCA IgG/IgM and EBNA IgG serology - serum
Infectious mononucleosis	Epstein-Barr Virus - EBV - VCA IgM serology - serum
Infertility exome	Exome sequencing - Male infertility - Screening for mutations involved in male infertility

Infertility gene panel	Exome sequencing - Male infertility - Screening for mutations involved in male infertility
Inflammation marker	Serum calprotectin - Serum
Inflectra	Infliximab
Infliximab	Infliximab
Infliximab	
Influenza	Influenza A and B - IgG serology - serum
Influenza - direct diagnosis - PCR	
Influenza A	Respiratory Infection Panel - direct diagnosis - PCR
Influenza A - H1	Respiratory Infection Panel - direct diagnosis - PCR
Influenza A - H1-09	Respiratory Infection Panel - direct diagnosis - PCR
Influenza A - H3	Respiratory Infection Panel - direct diagnosis - PCR
Influenza A and B - IgG serology - serum	
Influenza A and B - serology	Influenza A and B - IgG serology - serum
Influenza B	Respiratory Infection Panel - direct diagnosis - PCR
INH	INH - Isoniazid - Serum
INH - Isoniazid - Serum	
INH B	Inhibin B - man
INH B	Inhibin B - woman
Inhibin A - serum	
Inhibin A - ultrasensitive - serum	
Inhibin B - Child - serum	
Inhibin B - man	
Inhibin B - woman	
Inhibiteurs de PARP	Séquencage des gènes BRCA1 et BRCA2
Inhibitor of type 1 of the Plasminogen activator	PAI1 - Plasminogen activator inhibitor-1 - plasma
INOVELON®	Rufinamide - Serum
Insulin	
Insulin 10 time	
Insulin 11 time	
Insulin 12 time	
Insulin 13 time	
Insulin - anti-antibodies	Anti-insulin antibodies - serum
Insulin - serum	
Insulin 9 time	
Insulin Growth Factor	IGF-1 - Somatomedin C - Serum
Insulin like Growth Factor	IGF-1 - Somatomedin C - Serum
Insulin resistance	HOMA + QUICKI - index - serum
Insulin-like Growth Factor Binding protein-3	IGFBP-3 - Insulin-like Growth Factor Binding protein-3 - serum
Insulinaemia	Insulin - serum
insuline	
Intact N-Terminal propeptide of type I procollagen	P1NP - Intact N-Terminal Propeptide of Type I Procollagen - serum
Intact procollagen type I (N-propeptide)	P1NP - Intact N-Terminal Propeptide of Type I Procollagen - serum
INTELLECTUAL DISABILITY	Exome Isolated or syndromic intellectual disability and syndromic neurodevelopmental
Interferon alpha - biological fluid	
Interferon alpha - CSF	
Interferon alpha - neutralizing antibody - serum	
Interferon alpha - serum	
Interferon gamma - CSF	
Interferon gamma production - Quantiferon® TB Gold Plus	
Interferon gamma production blood test	Interferon gamma production - Quantiferon® TB Gold Plus
Interferon Gamma Release Assays	Interferon gamma production - Quantiferon® TB Gold Plus
Interleukin 28B (IL28B polymorphisme C/T rs 12979860) - genotyping - EDTA whole blood	
Interleukin (IL)-10	
Interleukin (IL)-10 - .	
Interleukin (IL)-1 beta	
Interleukin (IL)-2 - receptor	
Interleukin (IL)-5	
Interleukin (IL)-6	

Interleukin (IL)-6 - .	
Interleukin (IL)-8	
Interleukin-2 receptor	Interleukin (IL)-2 - receptor
Interleukine	TNF-alpha - Tumour Necrosis Factor
Interleukines	Interleukin (IL)-10
Interleukines	Interleukin (IL)-1 beta
Interleukines	Interleukin (IL)-6
Interleukines	Interleukin (IL)-8
Interleukines	TNF-alpha - Tumour Necrosis Factor
Intraepidermal	Anti-epidermal basement membrane and intracellular substance antibodies - serum
Intraepidermal	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
Intrathecal IgG synthesis	Isoelectric focusing - CSF + serum
Intrathecal synthesis of free light chains	Index Kappa - CSF + serum
Intrinsic factor - anti-antibodies	Anti-intrinsic factor antibodies - serum
Invasive aspergillosis	Beta-D-Glucan antigen - screening
Invasive fungal infection	Aspergillosis - soluble antigen - testing - serum
Invasive fungal infection	Beta-D-Glucan antigen - screening
Iodine - urine	
Iodine concentration	Iodine total - serum
Iodine overload	Iodine - urine
Iodine total - serum	
Ionised calcium	
ions	Electrolytes stool - Stool
Iron - saturation percentage - serum	
Iron - serum	
Iron - total binding capacity - serum	
Iron concentration	Iron - serum
Isentress®	Raltegravir - Serum
Isocopropophyrins	Porphyrins - stool
Isocoproporphyrines	Porphyrins - Urines
Isoelectric focusing - CSF + serum	
Isoelectric focussing with IgG index	Isoelectric focusing - CSF + serum
Isoenzymes - alkaline phosphatase	Alkaline phosphatases - isoenzymes - serum
Isoniazid	INH - Isoniazid - Serum
Isoniazid resistance	Mycobacteria - PCR detection of mutations associated with resistance to isoniazid,
Isoporphyrins	Porphyrins - Urines
Isoprotoporphyrins	Porphyrins - stool
Isospora	Parasitology - microscopy
Isosporose	Parasitology - microscopy
IST	IST PMA Expert ¿ Multiplex PCR detection ¿ Urogenital mycoplasma, C. trachomatis, N.
IST PMA Expert ¿ Multiplex PCR detection ¿ Urogenital mycoplasma, C. trachomatis, N.	
itch mite	scabies - screening
ITK	DNA NGS Panel for cholangiocarcinoma
ITK	DNA NGS Panel for pancreatic cancer
ITK	DNA NGS Panel for prostate cancer
ITK	DNA NGS Panel for thyroid cancer
ITK	DNA NGS Panel solid tumor Breast
ITK	RNA NGS Panel for cholangiocarcinoma
ITK	RNA NGS Panel for lung cancers
ITK	RNA NGS Panel for pancreatic cancer
ITK	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Itraconazole and hydroxylated metabolite - Serum	
Ixel®	Milnacipran - Serum
Jaeken syndrom	Adenylosuccinase - deficiency syndrome screening - urine
JAK2 - gene - VAL617PHE (V617F) mutation	
Jansky-Bielschowsky disease	Lipofuscinosis Neuronal Ceroide enzymatic deficiency - EDTA whole blood
Janus kinase 2 - mutation V617F - c.1849G>T	JAK2 - gene - VAL617PHE (V617F) mutation
JCV	Polyomavirus JC - direct diagnosis - PCR

Jervell and Lange-Nielsen syndrome (JLNS)	Cardiogenetic panel or exome
Juvenalis - AgeCheck - man	
Juvenalis - AgeCheck - woman	
Juvenalis - DigestCheck - Stool	
Juvenalis - ImmuCheck	
Juvenalis - OxyCheck	
Juvenalis - Panel - GlobalCheck	
Juvenalis - Panel - Neurocheck	
Juvenalis - Panel - ThyroCheck+	
Juvenalis - Panel - VeggieCheck	
K	Electrolytes stool - Stool
Kala-azar	Leishmaniasis - direct diagnosis - PCR
Kappa - Bence Jones	Kappa free light chains - serum
Kappa - Bence Jones	Kappa free light chains - urine
Kappa Bence Jones	Kappa free light chains - serum
Kappa Bence Jones	Kappa free light chains - urine
Kappa free light chains - serum	
Kappa free light chains - urine	
Kappa free-running chains in the LCR	Index Kappa - CSF + serum
Kappa index	Index Kappa - CSF + serum
KCNH2	Cardiogenetic panel or exome
KCNQ1	Cardiogenetic panel or exome
Keppra®	Levetiracetam - Serum
Ketoconazole - Serum	
Ketone bodies - Deproteinized heparin whole blood sample or CSF	
KIAA1549	RNA NGS panel for brain solid tumors
KIAA1549	RNA NGS Panel solid tumors, Pan-organ : 65 genes
kidney	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
KIF5B	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Killer-Cell Immunoglobulin-like Receptors	KIR Génotypage KIR - Total EDTA blood
KIR	KIR Génotypage KIR - Total EDTA blood
KIR Génotypage KIR - Total EDTA blood	
KIT - PDGFRA - BRAF - TKI - ITK - GIST	DNA NGS Panel solid tumor GIST
Kivexa®	Abacavir - plasma
Kleihauer - test	Fetal-maternal haemorrhage - EDTA whole blood
KRAS	DNA NGS Panel for brain solid tumors
KRAS	DNA NGS Panel for cholangiocarcinoma
KRAS	DNA NGS Panel for pancreatic cancer
KRAS	DNA NGS Panel for thyroid cancer
KSHV - PCR	Herpes virus type 8 (HHV8) - direct diagnosis - PCR
KSHV - PCR	Herpes virus type 8 (HHV8) - viral load
Ku - anti-antibodies	Myosite Markers - serum
Kufs disease	Lipofuscinosis Neuronal Ceroide enzymatic deficiency - EDTA whole blood
Lactate	Ketone bodies - Deproteinized heparin whole blood sample or CSF
Lactate	Lactic acid
Lactate	Lactic acid - CSF
Lactic acid	Ketone bodies - Deproteinized heparin whole blood sample or CSF
Lactic acid	
Lactic acid - CSF	
Lactic dehydrogenase	LDH - Lactate dehydrogenase
Lactic dehydrogenase	LDH - Lactate dehydrogenase - serum
Lactic dehydrogenase - Isoenzymes	LDH - Lactate dehydrogenase - isoenzymes
lactose primary intolerance - Genetic characterization	
Lambda - Bence Jones	Lambda free light chains - serum
Lambda - Bence Jones	Lambda free light chains - urine
Lambda Bence Jones	Lambda free light chains - serum
Lambda Bence Jones	Lambda free light chains - urine
Lambda free light chains - serum	

Lambda free light chains - urine	
Lamictal®	Lamotrigine - Serum
Lamivudine - plasma	
Lamotrigine - Serum	
Laroxyl®	Amitriptyline - Serum
Lasilix®	Furosemide
Lasilix®	Furosemide - urine
Latex IgE (RAST) - single allergen	Specific IgE : latex - single allergen
LATS	Anti-TSH receptor antibodies
LBI	Bartonellosis - B. henselae - B. quintana - IgG serology - serum
LBP - serum	
LC1 - anti-liver cytosol type 1 antibodies	Anti-liver cytosol type 1 antibodies - LC1 - confirmation - serum
LC1 anti cytosol Abs	Anti-liver cytosol type 1 antibodies - LC1 - screening - serum
LDH	LDH - Lactate dehydrogenase
LDH	LDH - Lactate dehydrogenase - serum
LDH - Isoenzymes	LDH - Lactate dehydrogenase - isoenzymes
LDH - Lactate dehydrogenase	
LDH - Lactate dehydrogenase - isoenzymes	
LDH - Lactate dehydrogenase - serum	
LDH isoenzymes	LDH - Lactate dehydrogenase - isoenzymes
LDL cholesterol	Direct LDL cholesterol - serum
Lead - urine	
Lead - whole blood	
Lead concentration	Lead - whole blood
Lead overload	Lead - urine
legionella	Legionellosis- IgG screening serology - serum
Legionella pneumophila	Respiratory Infection Panel - direct diagnosis - PCR
Legionella pneumophila - confirmation serology	Legionellosis- - serogroups 1 to 6 - IgG confirmation serology - serum
Legionella pneumophila - PCR	Legionellosis- - direct diagnosis - PCR
Legionella pneumophila - screening serology	Legionellosis- IgG screening serology - serum
Legionella pneumophila antigen	Legionellosis- antigenes LP1 - urines
Legionellosis- - direct diagnosis - PCR	
Legionellosis- - serogroups 1 to 6 - IgG confirmation serology - serum	
Legionellosis- antigenes LP1 - urines	
Legionellosis- IgG screening serology - serum	
Leishmaniasis	Leishmaniasis - direct diagnosis - PCR
Leishmaniasis - direct diagnosis - PCR	
Leismania	Leishmaniasis - direct diagnosis - PCR
Leponex®	Clozapine
Lepticur - Serum	
Leptin - serum	
Leptospirosis	Leptospirosis - IgM serology - serum
Leptospirosis - IgM serology - serum	
Leukemia chronic myelomonocytic	Immunophenotyping of malignant hemopaties
Leukocidin	PVL toxin detection (Staphyloccoccus aureus) - PCR on strain
Leukocyte Count Detailed	
Levetiracetam - Serum	
Levofloxacin - Serum	
Leydig cells - anti-antibodies	Anti-testicular antibodies - serum
LH - Luteinising hormone	
LH - Luteinising hormone - serum	
LH - Luteinising hormone - urines	
Li	Lithium - Serum
Libmyris	Adalimumab
Likozam	Clobazam - Serum
Lindane	Pesticides - screening and/or dosage - urine
linear perfluorooctanoïc acid (PFOA)	Per- and polyfluoroalkyl compounds - 7 compounds panel - Serum
Lipase - serum	

Lipase - urine	
Lipase activity	Lipase - serum
Lipase activity	Lipase - urine
Lipase concentration	Lipase - serum
Lipid dosage	Steatorrhoea - fat dosage - stool
Lipofuscinosis Neuronal Ceroide enzymatic deficiency - EDTA whole blood	
Lipoprotein a	Lipoprotein Lp(a) - serum
Lipoprotein A1	Apolipoprotein A1 - serum
Lipoprotein B	Apolipoprotein B - serum
Lipoprotein C3	Apolipoprotein C3 - serum
Lipoprotein Lp-PLA2 - serum	
Lipoprotein Lp(a) - serum	
Lipoprotein phospho-lipase A2	Lipoprotein Lp-PLA2 - serum
Lipoprotein-associated phospholipase A2	Lipoprotein Lp-PLA2 - serum
Liquid biopsy	Circulating tumor DNA NGS Panel - Peripheral blood from Cell Free DNA tube : ambiant
Litatop	Specific IgE : food allergen testing - Trophatop® children - fx26/fx27/fx28
Litatop	Specific IgE : inhalant allergen testing - Phadiatop®
Litatop	Specific IgE - Respiratory and food allergen screen -Phadiatop® infant
Litatop®,	Specific IgE : food allergen testing - Trophatop® adult - fx5/fx24/fx25
Lithium - Serum	
Lithium concentration	Lithium - Serum
Lithocholic acid	Bile acids - chromatography - serum
Lithocholic acid	Bile acids - serum
liver	Anti-liver cytosol type 1 antibodies - LC1 - screening - serum
LKM - anti-antibodies screening	Anti-LKM antibodies - endoplasmic reticulum - screening - serum
LKM - anti-antibodies typing	Anti-LKM antibodies - endoplasmic reticulum - typing - serum
LMMC	Immunophenotyping of malignant hemopaties
Loa loa filariasis	Filariasis - serology - serum
Loci A and B - Class I HLA	Class I HLA - HLA-A and HLA-B genotyping - EDTA whole blood
Locus C -HLA de classe 1	HLA-C genotyping (HLA de classe I) - Total EDTA blood
Locus D - Class II HLA	Class II HLA - HLA-DQ and HLA-DR genotyping - EDTA whole blood
Logryx®	Minocycline - Serum
Long QT syndrome	Cardiogenetic panel or exome
Long reads	Genome by long-read sequencing (Nanopore) - EDTA whole blood
Loprazolam - Serum	
Lopressor®	Metoprolol - Serum
Loxapac®	Loxapine - Serum
Loxapine - Serum	
Lp(a)	Lipoprotein Lp(a) - serum
LPA	Lipoprotein Lp(a) - serum
LPPLA2	Lipoprotein Lp-PLA2 - serum
LPS	LBP - serum
LRBI	Bartonellosis - B. henselae - B. quintana - IgG serology - serum
LRBI	Bartonellosis - direct diagnosis - PCR
LSD - Lysergic acid diethylamide	
LSD - Lysergic acid diethylamide - biological fluid	
LSD - Lysergic acid diethylamide - Urine	
LSTA	Anti-TSH receptor antibodies
LTH	Prolactin - serum
lung	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A,
Lung	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
Lung cancer	DNA NGS Panel solid tumor Lung
Lung cancer	DNA NGS Panel solid tumor Lung extended
Lung cancer	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Lung NGS panel	DNA NGS Panel solid tumor Lung
Lung NGS panel	DNA NGS Panel solid tumor Lung extended
Lung RNA-seq	RNA NGS Panel for lung cancers
Luteal hormone	Progesterone - serum

Luteinising hormone	LH - Luteinising hormone - serum
Luteinising hormone	LH - Luteinising hormone - urines
Luteinizing Hormone	LH - Luteinising hormone - serum
Luteinizing Hormone	LH - Luteinising hormone - urines
Lutropin	LH - Luteinising hormone - serum
Lutropin	LH - Luteinising hormone - urines
Lyme	Borreliosis - direct diagnosis - PCR
Lyme	Borreliosis - IgG confirmation serology
Lyme	Borreliosis - IgM confirmation serology - serum
Lyme	Lyme disease - IgG/IgM screening serology - serum
Lyme	Lyme disease - IgG intrathecal index - CSF + serum
Lyme	Lyme disease - screening serology - CSF
Lyme disease	Borreliosis - direct diagnosis - PCR
Lyme disease	Borreliosis - IgG confirmation serology
Lyme disease	Borreliosis - IgM confirmation serology - serum
Lyme disease	Lyme disease - IgG/IgM screening serology - serum
Lyme disease	Lyme disease - IgG intrathecal index - CSF + serum
Lyme disease	Lyme disease - screening serology - CSF
Lyme disease - IgG intrathecal index - CSF + serum	
Lyme disease - IgG/IgM screening serology - serum	
Lyme disease - screening serology - CSF	
Lymphocyte immunophenotyping	Immunophenotyping: Lymphocytes B - CD19 - EDTA whole blood
Lymphocyte immunophenotyping	Immunophenotyping: Lymphocytes CD3-CD4-CD8 - EDTA whole blood
Lymphocyte immunophenotyping	Immunophenotyping: Lymphocytes CD56+ / CD16+ - Natural Killer Cells - EDTA whole
Lymphocyte immunophenotyping	Immunophenotyping: Lymphocytes NK/CD57 - EDTA whole blood
Lymphocyte Immunophenotyping	Immunophenotyping of malignant hemopaties
Lymphocyte phenotyping	Immunophenotyping of malignant hemopaties
Lymphocyte typing	Immunophenotyping: Lymphocytes B - CD19 - EDTA whole blood
Lymphocyte typing	Immunophenotyping: Lymphocytes CD3-CD4-CD8 - EDTA whole blood
Lymphocyte typing	Immunophenotyping: Lymphocytes CD56+ / CD16+ - Natural Killer Cells - EDTA whole
Lymphogranuloma venereum	Chlamydia trachomatis - IgA serology - Serum
Lymphogranuloma venereum	Chlamydia trachomatis - IgG serology - Serum
Lymphogranuloma venereum	Chlamydia trachomatis - IgM serology - serum
Lymphoreticulosis-Benign Inoculation	Bartonellosis - B. henselae - B. quintana - IgG serology - serum
Lymphoreticulosis-Benign Inoculation	Bartonellosis - direct diagnosis - PCR
Lyrica	Pregabalin - serum
Lysanxia®	Prazepam - Serum
Lysergic acid diethylamide	LSD - Lysergic acid diethylamide - Urine
Lysergic Acid Diethylamide	LSD - Lysergic acid diethylamide - Urine
Lysergic Acid Diethylamide - serum	LSD - Lysergic acid diethylamide
Lysergic Acid Diethylamide - urine	LSD - Lysergic acid diethylamide - biological fluid
Lyso- globotriaosylcéramide	Lyso-Gb3
Lyso-Gb3	
Lysodren	Mitotane - plasma
Lysozyme - serum	
LZTR1	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
LZTR1	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
Mabthera ®	Rituximab - serum
Macro-CK	CPK - Creatine phosphokinase - isoenzymes - serum
MacroCK	CPK - Creatine phosphokinase - isoenzymes - serum
Macroglobulin - Alpha 2	Alpha-2 Macroglobulin - serum
Macrolides	Helicobacter pylori and clarithromycin resistance gene - direct diagnosis - PCR
Macroprolactin	Prolactin - molecular forms - serum
MAG - anti-antibodies	Anti-MAG antibodies - serum
Magnesium - serum	
Magnesium - urines	
Magnesium concentration	Magnesium - serum
Magnesium overload	Magnesium - urines

MAIPA	Anti-platelet antibodies bound or free - screening and identification
Maladie Vectorielle	Tularemia - Francisella tularensis - serology total antibodies - serum
Malaria - serology	Sérologie Palustre (IgM/IgG)
MALFORMATIONS	Exome Congenital heart defects
MALORMATIVE SYNDROME	Exome Isolated or syndromic intellectual disability and syndromic neurodevelopmental
Manganese - Sang total	
Manganese - Serum	
Manganese - urine	
Mansonella perstans	Filariasis - serology - serum
MAP2K1	DNA NGS Panel for brain solid tumors
Markers in progressive systemic sclerosis(Scleroderma) - serum	
Matrix	IgE against multiple individual allergens - inhalant allergens - Serum
Mature B lymphocytes	Immunophenotyping: Lymphocytes B - CD19 - EDTA whole blood
MAX	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
MAX	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
MC1R	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
MC1R	Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R,
mCRPC	DNA NGS Panel for prostate cancer
MD5	Myosite Markers - serum
MDA	Amphetamines - dosage - plasma
MDA	Amphetamines - dosage - urines
MDEA	Amphetamines - dosage - plasma
MDEA	Amphetamines - dosage - urines
MDH2	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
MDH2	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
MDMA	Amphetamines - dosage - plasma
MDMA	Amphetamines - dosage - urines
Measles	Measles - direct diagnosis - PCR
Measles - direct diagnosis - PCR	
Measles - IgG/IgM serology - serum	
Measles - immunity test - IgG serology - serum	
Measles virus	Measles - direct diagnosis - PCR
Measles virus - IgG immunity test	Measles - immunity test - IgG serology - serum
Measurement of anti-Xa activity - low molecular weight heparin	Anti-Xa activity : low molecular weight heparin - LMWH - plasma
Mediterranean spotted fever - serology	Rickettsioses - R. conorii, R. typhi - serology - serum
Melanoma	DNA NGS Panel solid tumor Melanoma
Melanoma	Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R,
Melatonin - 24-hour urine collection	
Melatonin - Urine	
membrane fatty acids	Fatty acids of erythrocyte menbrane - chromatography - Total EDTA blood - Fatty free
MEN1	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
MEN1	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
Méningocoque	Designated bacterium - direct diagnosis - PCR
Mercury	
Mercury - Urine	
MERTK	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
MERTK	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
Mesothelioma	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A,
Mestacine®	Minocycline - Serum
MET	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
MET	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
MET	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A,
MET	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
MET	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Metabolites of PAH (Polycyclic Aromatic Hydrocarbons) - urine	
metabolites of DEHP, DnBP, BBzP, DEP, DiBP, DINCH, DiNP, DiDP,	Phtalates - extended panel - urines - Phtalates - extended panel
Metadrenaline	Methoxylated derivatives of catecholamines - Free metanephrines
Metadrenaline	Methoxylated derivatives of catecholamines - Free metanephrines - child - Urine

Metadrenaline	Methoxylated derivatives of catecholamines - Free metanephrines - Urine
Metals	Cadmium - Urine
Metals	Cobalt - Urine
Metanephrines	Methoxylated derivatives of catecholamines - Free metanephrines
Metanephrines	Methoxylated derivatives of catecholamines - Free metanephrines - child - Urine
Metanephrines	Methoxylated derivatives of catecholamines - Free metanephrines - Urine
Metapneumovirus	Paediatric respiratory viruses (RSV / Metapneumovirus / Rhinovirus) - direct diagnosis -
Metformin	
Methadone and EDDP - Serum	
methamphetamin	Amphetamines - dosage - urines
Methamphétamine	Amphetamines - dosage - plasma
Methanol	Methyl alcohol - Serum
Methanol	Methyl alcohol - urine
Methicillin-resistant Staphylococcus aureus (MRSA)	Antibiotic multi-resistant bacteria (MRB) - screening
Methotrexate	
Methotrexate Bellon®	Methotrexate
Methoxyamines	Methoxylated derivatives of catecholamines - Free metanephrines
Methoxyamines	Methoxylated derivatives of catecholamines - Free metanephrines - child - Urine
Methoxyamines	Methoxylated derivatives of catecholamines - Free metanephrines - Urine
Methoxychlor	Pesticides - screening and/or dosage - urine
Methoxylated derivatives of catecholamines - Free metanephrines	
Methoxylated derivatives of catecholamines - Free metanephrines - child - Urine	
Methoxylated derivatives of catecholamines - Free metanephrines - Urine	
Methyl alcohol - Serum	
Methyl alcohol - urine	
Methyl-, ethyl-, propyl-, butyl-paraben	Paraben - urines - Paraben
Methylbenzene	Toluene - EDTA whole blood or Heparin
Methylbenzene	Toluene - urine
Methylenetetrahydrofolate reductase - MTHFR gene - c.677C>T mutation	
Methylmalonic acid - urines	
Methylphenidate Hydrochloride - Serum	
Metoject®	Methotrexate
Metoprolol - Serum	
MEVE	Tick-borne encephalitis - TBE - IgG/IgM serology - serum
Mg	Magnesium - serum
Mg	Magnesium - urines
MGA	RNA NGS Panel solid tumors, Pan-organ : 65 genes
MGT30 - anti-antibodies	Anti-titin antibodies - serum
Mi-2 - anti-antibodies	Myosite Markers - serum
Mianserin - Serum	
MIC	Aerobic / anaerobic bacteria - MIC: Minimum Inhibitory Concentration
Microalbumin - urine	
Microdeletions in the Yq11 region, azoospermia factor (AZF)	Y chromosome - (regions AZFs, AZFb, AZFc)
Microglobulin - Alpha 1	Alpha-1 Microglobulin - Urine (urination)
Microglobulin - Beta 2	Beta-2 microglobulin - CSF
Microglobulin - Beta 2	Beta-2 microglobulin - serum
Microglobulin - Beta 2	Beta-2 microglobulin - urine
Micropakine	Valproic acid - Serum
Microsporidies	Cryptosporidies - Microsporidies - direct diagnosis - PCR
Microsporidiose	Cryptosporidies - Microsporidies - direct diagnosis - PCR
Milieu liquide	Anaerobic and aerobic bacteria - susceptibility testing
Milieu solide	Anaerobic and aerobic bacteria - susceptibility testing
Milnacipran - Serum	
Mineralocorticoid	Aldosterone
Mineralocorticoid	Aldosterone - urine
Minimum inhibitory concentrations - aerobic and anaerobic bacteria	Aerobic / anaerobic bacteria - MIC: Minimum Inhibitory Concentration
Minkowski - Chauffard disease	hereditary spherocytosis - screening (eosin-5'-maleimide (EMA) staining)
Minocycline - Serum	

Mirtazapine - serum	
MIS - Müllerian-Inhibiting Substance	AMH - Anti-Müllerian hormone
MIS - Müllerian-Inhibiting Substance	AMH - Anti-Müllerian hormone - Child
MITF	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
MITF	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
MITF	Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R,
Mitochondria - anti-antibodies	Anti-mitochondrial antibodies - screening and titration - serum
Mitotane - plasma	
MKP	Monkeypox virus - direct diagnosis - PCR
MLH1	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
MLH1	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM,
MLH1	Pancreatic oncogenetic panel Target genes : APC, ATM, BRCA1, BRCA2, CDK4,
MLH1	Panel Hereditary breast ovarian cancer and prostate Gènes ciblés: ATM, BRCA1,
MMF	Mycophenolate - plasma
MMR	Oncogenetic exome
Mn	Manganese - Sang total
Mn	Manganese - Serum
Mn	Manganese - urine
Moclamine®	Moclobemide - Serum
Moclobemide - Serum	
modigraf	Tacrolimus - FK-506
Molecular forms of prolactin	Prolactin - molecular forms - serum
Molecular profile	DNA NGS Panel solid tumor Endometrium
Molecular profile	Homologous recombination deficiency (HRD) and somatic mutations of the BRCA1 and
Monkeypox virus - direct diagnosis - PCR	
Mono-2-ethyl-5-hydroxyhexyl phthalate - metabolite of Di-éthylhexyl phtalate (DEHP)	Phtalates - extended panel - urines - Phtalates - extended panel
Mono-2-ethyl-5-hydroxyhexyl phthalate - metabolite of Di-éthylhexyl phtalate (DEHP)	Phtalates - reducted panel - urines - Phtalates - reducted panel
Mono-2-ethyl-5-oxohexyl phthalate - metabolite of Di-éthylhexyl phtalate (DEHP)	Phtalates - extended panel - urines - Phtalates - extended panel
Mono-2-ethyl-5-oxohexyl phthalate - metabolite of Di-éthylhexyl phtalate (DEHP)	Phtalates - reducted panel - urines - Phtalates - reducted panel
Mono-ethylhexyl phtalate - metabolite of Di-éthylhexyl phtalate (DEHP)	Phtalates - reducted panel - urines - Phtalates - reducted panel
Mono-éthylhexyl phtalate - metabolite of Di-éthylhexyl phtalate (DEHP)	Phtalates - extended panel - urines - Phtalates - extended panel
Mono-iso-butyl phthalate - metabolite of Di-iso-butyl phthalate (DiBP)	Phtalates - extended panel - urines - Phtalates - extended panel
Mono-n-butyl phtalate - metabolite of Di-n-butyl phthalate (DnBP)	Phtalates - extended panel - urines - Phtalates - extended panel
Mono-n-butyl phtalate - metabolite of Di-n-butyl phthalate (DnBP)	Phtalates - reducted panel - urines - Phtalates - reducted panel
Monobenzylbutyl phtalate- metabolite of bBenzylbutylphtalate (BzBP)	Phtalates - extended panel - urines - Phtalates - extended panel
Monobenzylbutyl phtalate- metabolite of bBenzylbutylphtalate (BzBP)	Phtalates - reducted panel - urines - Phtalates - reducted panel
Monocytes	Immunophenotyping of malignant hemopaties
Monoethyl phtalate - metabolite of Diethyl phtalate (DEP)	Phtalates - extended panel - urines - Phtalates - extended panel
Monoethyl phtalate - metabolite of Diethyl phtalate (DEP)	Phtalates - reducted panel - urines - Phtalates - reducted panel
Monohydroxybenzene	Phenol - urine
Monomeric prolactin prolactin little	Prolactin - molecular forms - serum
Monomethyl arsenic acid	Arsenic - inorganic an metabolites derivatives - urine
mononucleosis	Epstein-Barr Virus - EBV - IgA EA serology - serum
mononucleosis	Epstein-Barr Virus - EBV - IgG EA serology - serum
Morbillivirus - IgG immunity test	Measles - immunity test - IgG serology - serum
Morphine	Opiates - dosage - plasma
Morphine	Opiates - dosage - urines
Motival®	Amitriptyline - Serum
MPA	Mycophenolate - plasma
MPO - anti-antibodies	Anti-MPO antibodies - myeloperoxidase - Serum
MRD LLC	Immunophenotyping of malignant hemopaties
MS	Anti-Natalizumab antibodies - serum
MSH2	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
MSH2	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM,
MSH2	Pancreatic oncogenetic panel Target genes : APC, ATM, BRCA1, BRCA2, CDK4,
MSH2	Panel Hereditary breast ovarian cancer and prostate Gènes ciblés: ATM, BRCA1,
MSH6	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
MSH6	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM,

MSH6	Pancreatic oncogenetic panel Target genes : APC, ATM, BRCA1, BRCA2, CDK4,
MSH6	Panel Hereditary breast ovarian cancer and prostate Gènes ciblés: ATM, BRCA1,
MSI status	Circulating tumor DNA NGS Panel - Peripheral blood from Cell Free DNA tube : ambiant
MT-RNR1	Pharmacogenetic option on exome already sequenced at Eurofins Biomnis
MT-RNR1	Pharmacogenetic Passport - PharmacoPass Expert
MTX	Methotrexate
MUC1	MUC1 nanopore Nephropathie
MUC1 nanopore Nephropathie	
Muconic acid	Trans-muconic acid - ttMA - urine
Mucopeptide N-acetylmuramylhydrolase	Lysozyme - serum
Mucopolysaccharides - urines	
Mucorales	Fungus - Yeasts - screening
Mucormycosis	Fungus - Yeasts - screening
Mucous membrane pemphigoid	Anti-epidermal basement membrane and intracellular substance antibodies - serum
Mucous membrane pemphigoid	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
Multiple sclerosis	Anti-Natalizumab antibodies - serum
Mumps - IgG serology - serum	
Mumps - IgG/IgM serology - serum	
Mumps paramyxovirus - IgG/IgM serology	Mumps - IgG/IgM serology - serum
Mumps paramyxovirus (IgG serology)	Mumps - IgG serology - serum
Mumps virus - IgG/IgM serology	Mumps - IgG/IgM serology - serum
Mumps virus - (serodiagnosis: IgG)	Mumps - IgG serology - serum
Muramidase	Lysozyme - serum
murine typhus	Rickettsioses - R. conorii, R. typhi - serology - serum
Mushroom	Yeasts - antifungal susceptibility testing
Mutation Delta F508	Cystic fibrosis Detection of variations within the CFTR gene after massive
Mutation of the methylenetetrahydrofolate reductase gene	Methylenetetrahydrofolate reductase - MTHFR gene - c.677C>T mutation
mutation resistance to TKI	tyrosine kinase ABL mutation
MUTYH	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
MUTYH	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM,
Mvasi®)	Bevacizumab - serum
Myagawanellosis	Chlamydia trachomatis - IgG serology - Serum
Myasthenia	Anti-acetylcholine receptor antibodies - serum
Myasthenia	Anti-MuSK antibodies - serum
MYBPC3	Cardiogenetic panel or exome
Mycobacteria - culture	
Mycobacteria - direct examination	
Mycobactéria - identification	
Mycobacteria - PCR detection of mutations associated with resistance to isoniazid,	
Mycobacteria - PCR detection of rifampicin and isoniazid resistance in M.tuberclosis complex	
Mycobacteria - PCR M. tuberculosis complex (BKBM)	
Mycobacteria - susceptibility testing	
Mycobacteria - tuberculosis complex	Mycobacteria - PCR detection of rifampicin and isoniazid resistance in M.tuberclosis
Mycobacteria - tuberculosis complex	Mycobacteria - PCR M. tuberculosis complex (BKBM)
Mycobacterium tuberculosis	Mycobacteria - PCR detection of mutations associated with resistance to isoniazid,
Mycology	Fungus - Yeasts - MIC: Minimum Inhibitory Concentration
Mycology	Fungus - Yeasts - screening
Mycology	Yeasts - antifungal susceptibility testing
Mycophenolate - plasma	
Mycophenolate Mofetil	Mycophenolate - plasma
Mycophenolic acid	Mycophenolate - plasma
Mycoplasma	Mycoplasma pneumoniae - direct diagnosis - PCR
Mycoplasma	Mycoplasma pneumoniae - IgG serology - serum
Mycoplasma	Mycoplasma pneumoniae - IgM serology - serum
Mycoplasma genitalium	Chlamydia trachomatis, Neisseria gonorrhoeae, Mycoplasma genitalium and
Mycoplasma genitalium	IST PMA Expert ¿ Multiplex PCR detection ¿ Urogenital mycoplasma, C. trachomatis, N.
Mycoplasma genitalium	Mycoplasma genitalium Search for mutations associated with macrolide resistance
Mycoplasma genitalium - Search by gene amplification	

Mycoplasma genitalium - Search by gene amplification - 1 sample	
Mycoplasma genitalium - Search by gene amplification - 2 sample	
Mycoplasma genitalium - Search by gene amplification - 3 sample	
Mycoplasma genitalium Search for mutations associated with macrolide resistance	
Mycoplasma hominis	IST PMA Expert ¿ Multiplex PCR detection ¿ Urogenital mycoplasma, C. trachomatis, N.
Mycoplasma hominis	urogenital (ureaplasma urealyticum) mycoplasma (mycoplasma hominis) - serology -
Mycoplasma pneumoniae	Respiratory Infection Panel - direct diagnosis - PCR
Mycoplasma pneumoniae - direct diagnosis - PCR	
Mycoplasma pneumoniae - IgG serology - serum	
Mycoplasma pneumoniae - IgM serology - serum	
Mycoplasme	Mycoplasma genitalium - Search by gene amplification
Mycoplasme	Mycoplasma genitalium - Search by gene amplification - 1 sample
Mycoplasme	Mycoplasma genitalium - Search by gene amplification - 2 sample
Mycoplasme	Mycoplasma genitalium - Search by gene amplification - 3 sample
Mycosis	Fungus - Yeasts - identification
Mycosis	Fungus - Yeasts - screening
Myelin - anti-antibodies	Anti-myelin antibodies - serum
Myelogram - Perls staining	
Myeloperoxidase - anti-antibodies	Anti-MPO antibodies - myeloperoxidase - Serum
Myfortic	Mycophenolate - plasma
MYH7	Cardiogenetic panel or exome
Myosin - anti-antibodies	Anti-striated muscle antibodies - serum
Myosite Markers - serum	
Myositis dot	Myosite Markers - serum
Myositis markers	Myosite Markers - serum
Myxovirus influenzae - serology;	Influenza A and B - IgG serology - serum
N-acetyl neuraminic acid	Sialic acid free - urines
N-telopeptides	NTx - N-telopeptides of type I collagen - urines
N-Terminal propeptide of type III procollagen	Type III procollagen - serum
Na	Electrolytes stool - Stool
NAB2	RNA NGS Panel for soft tissue tumors : 20 genes
NAB2	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Nanopore	Genome by long-read sequencing (Nanopore) - EDTA whole blood
Nantucket fever	Human babesiosis - serology - serum
Naropeine - Serum	
NASH TEST	FibroMAX - . - serum
NASH-FibroTest - serum	
NashTest 2®	NASH-FibroTest - serum
Native DNA - anti-antibodies	Anti-DNA antibodies Double stranded DNA - Serum
Native DNA - anti-antibodies	Anti-DNA antibodies double stranded - Farr test - serum
Native PTH	PTH - Intact parathormone - serum
Natural killer	Immunophenotyping: Lymphocytes CD56+ / CD16+ - Natural Killer Cells - EDTA whole
NBN	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
NBN	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A,
NCOA4	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Nebcine®	Tobramycin - Serum
Necrotising myositis	Myosite Markers - serum
NEFA	Fatty acids free non-esterified - serum
Neisseria gonorrhoeae	Chlamydia trachomatis, Neisseria gonorrhoeae and Trichomonas vaginalis - multiplex
Neisseria gonorrhoeae	Chlamydia trachomatis, Neisseria gonorrhoeae, Mycoplasma genitalium and
Neisseria gonorrhoeae	IST PMA Expert ¿ Multiplex PCR detection ¿ Urogenital mycoplasma, C. trachomatis, N.
Neisseria gonorrhoeae - Detection by molecular amplification	
Neisseria meningitidis	Designated bacterium - direct diagnosis - PCR
Neoral®	Cyclosporin
Nephritic factor	C3NeF - Nephritic factor - serum
nephroblastome	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
Nephrology exome	
Nephropathy	Nephrology exome

Neuleptil®	Periciazine - Serum
Neuro Check	Juvenalis - Panel - Neurocheck
Neuro-endocrine	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
Neuro-Endocrine	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
Neuroborreliosis	Lyme disease - IgG intrathecal index - CSF + serum
Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,	
Neuromyelitis optica - anti-antibodies	Anti-neuromyelitis optica antibodies - serum
Neuron-Specific Enolase	NSE - Neuron-Specific Enolase - biological fluid
Neuron-Specific Enolase	NSE - Neuron-Specific Enolase - serum
Neurone	Anti-ZC4 antibodies - serum
Neurones	Anti-GAD antibodies - CSF
neurons	Anti-titin antibodies - serum
neurons	Anti-ZC4 antibodies - CSF
Neurons	Anti-retina antibodies - serum
Neurons	Anti- SOX1 antibodies - CSF
Neurons	Anti- SOX1 antibodies - serum
Neurons	Anti-titin antibodies - CSF
Neurons	Anti-Tr antibodies - CSF
Neurons	Anti-Tr antibodies - serum
Neurontin®	Gabapentin - serum
new index for prostate cancer	[-2]pro-PSA - Phi score calculation - serum
New prostatic cancer marker	[-2]pro-PSA - Phi score calculation - serum
Next Generation Sequencing	Detection and identification bacterial DNA - 16S PCR by NGS sequencing
NF1	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
NF1	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
NF1	Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R,
NF2	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
NF2	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
NGS	Detection and identification bacterial DNA - 16S PCR by NGS sequencing
NGS	DNA NGS Panel for brain solid tumors
NGS	DNA NGS Panel for cholangiocarcinoma
NGS	DNA NGS Panel for pancreatic cancer
NGS	DNA NGS Panel for prostate cancer
NGS	DNA NGS Panel for thyroid cancer
NGS	DNA NGS Panel solid tumor Breast
NGS	DNA NGS Panel solid tumor Colon
NGS	DNA NGS Panel solid tumor colo-rectal extended : 22 genes
NGS	DNA NGS Panel solid tumor Endometrium
NGS	DNA NGS Panel solid tumor GIST
NGS	DNA NGS Panel solid tumor Lung
NGS	DNA NGS Panel solid tumor Lung extended
NGS	DNA NGS Panel solid tumor Melanoma
NGS	DNA NGS Panel solid tumor Pan-organ : 64 genes
NGS	Homologous recombination deficiency (HRD) and somatic mutations of the BRCA1 and
NGS	RNA NGS panel for brain solid tumors
NGS	RNA NGS Panel for cholangiocarcinoma
NGS	RNA NGS Panel for lung cancers
NGS	RNA NGS Panel for pancreatic cancer
NGS	RNA NGS Panel for soft tissue tumors : 20 genes
NGS	RNA NGS Panel for thyroid cancer
NGS	RNA NGS Panel solid tumors, Pan-organ : 65 genes
NGS panel	RNA NGS Panel for lung cancers
NH3	Ammonaemia - plasma
Ni	Nickel - Serum
Ni	Nickel - Urine
Nickel - Serum	
Nickel - Urine	
Nicolas-Favre - disease	Chlamydia trachomatis - IgA serology - Serum

Nicolas-Favre - disease	Chlamydia trachomatis - IgG serology - Serum
Nicolas-Favre - disease	Chlamydia trachomatis - IgM serology - serum
Nicotine	Cotinine - Urine (urination)
Nizoral®	Ketoconazole - Serum
NK	Immunophenotyping: Lymphocytes CD56+ / CD16+ - Natural Killer Cells - EDTA whole
NK cells	Immunophenotyping: Lymphocytes CD56+ / CD16+ - Natural Killer Cells - EDTA whole
NMO	Anti-neuromyelitis optica antibodies - CSF
NMO - anti-antibodies	Anti-neuromyelitis optica antibodies - serum
Nocardia - PCR	
Nocardiose	
Noctran®	Clorazepate - Serum
non treponemal test CSF	Syphilis - titration - CSF
Non tuberculosis mycobacteria - PCR detection of macrolide and aminoglycoside resistance	
Non-Rhesus/Kell erythrocyte antigens	Extended phenotype
Non-Rhesus/Kell phenotype	Extended phenotype
Non-SHBG-bound testosterone	Testosterone Bioavailable - Man - serum
Noradrenaline	Catecholamines - free - Urine
Noradrenaline	Free catécholamines
Noradrenaline	Free catécholamines - children - Urine
Norclobazam	Clobazam - Serum
Norclomipramine	Clomipramine - Serum
Norclozapine	Clozapine
Nordiazepam	Diazepam + desmethyldiazepam - Serum
Norepinephrine	Catecholamines - free - Urine
Norepinephrine	Free catécholamines
Norepinephrine	Free catécholamines - children - Urine
Norfluoxetin	Fluoxetine - serum
Normetadrenaline	Methoxylated derivatives of catecholamines - Free metanephrines
Normetadrenaline	Methoxylated derivatives of catecholamines - Free metanephrines - child - Urine
Normetadrenaline	Methoxylated derivatives of catecholamines - Free metanephrines - Urine
Normetanephrines	Methoxylated derivatives of catecholamines - Free metanephrines
Normetanephrines	Methoxylated derivatives of catecholamines - Free metanephrines - child - Urine
Normetanephrines	Methoxylated derivatives of catecholamines - Free metanephrines - Urine
Norovirus - direct diagnosis - PCR - Stools	
Norovirus - screening - Stools	
Norovirus GI/GII	Gastrointestinal Panel - direct diagnosis - PCR - Stools
Norset®	Mirtazapine - serum
Nortriptyline	Amitriptyline - Serum
Norvir®	Ritonavir - Serum
Norwalk virus	Norovirus - direct diagnosis - PCR - Stools
Norwalk virus	Norovirus - screening - Stools
Novatrex®	Methotrexate
Novazam®	Diazepam + desmethyldiazepam - Serum
Novel ovarian cancer biomarker	HE4- ROMA calculation - serum
NPM1	RNA NGS Panel solid tumors, Pan-organ : 65 genes
NRAS	DNA NGS Panel for brain solid tumors
NRAS	DNA NGS Panel for thyroid cancer
NRAS	DNA NGS Panel solid tumor Colon
NRAS - KIT - BRAF	DNA NGS Panel solid tumor Melanoma
NRG1	RNA NGS Panel for pancreatic cancer
NRG1	RNA NGS Panel solid tumors, Pan-organ : 65 genes
NSCLC	DNA NGS Panel solid tumor Lung extended
NSD3	RNA NGS Panel solid tumors, Pan-organ : 65 genes
NSE - Neuron-Specific Enolase - biological fluid	
NSE - Neuron-Specific Enolase - serum	
NT-proBNP - N-Terminal Pro-Brain Natriuretic Peptide - serum	
NTM	Mycobactéria - identification
NTRK	RNA NGS panel for brain solid tumors

NTRK	RNA NGS Panel for cholangiocarcinoma
NTRK	RNA NGS Panel for lung cancers
NTRK	RNA NGS Panel for pancreatic cancer
NTRK	RNA NGS Panel for soft tissue tumors : 20 genes
NTRK1	RNA NGS Panel solid tumors, Pan-organ : 65 genes
NTRK1/2/3	RNA NGS Panel for lung cancers
NTRK1/2/3	RNA NGS Panel for pancreatic cancer
NTRK1/2/3	RNA NGS Panel for thyroid cancer
NTRK2	RNA NGS Panel solid tumors, Pan-organ : 65 genes
NTRK3	RNA NGS Panel solid tumors, Pan-organ : 65 genes
NTx	NTx - N-telopeptides of type I collagen - urines
NTx - N-telopeptides of type I collagen - urines	
Nucleosome - anti-antibodies	Anti-nucleosome antibodies - serum
Nuctalon®	Estazolam - Serum
NUDT15	Pharmacogenetic option on exome already sequenced at Eurofins Biomnis
NUDT15	Pharmacogenetic Passport - PharmacoPass Expert
NUTM1	RNA NGS Panel for soft tissue tumors : 20 genes
Nutritol	Nutritol - IgG food panel 287 foods - serum
Nutritol - IgG food panel - 100 foods - serum	
Nutritol - IgG food panel - 25 foods - serum	
Nutritol - IgG food panel - 50 foods - serum	
Nutritol - IgG food panel - 50 foods VEGAN - serum	
Nutritol - IgG food panel 287 foods - serum	
NXP2	Myosite Markers - serum
o,p DDD	Mitotane - plasma
O157	Escherichia coli - serotyping by agglutination (e.g. E. coli K1; EPEC; O157, etc.)
o-Cresol - urine	
O-Desméthylvenlafaxine	Venlafaxine - serum
Oalate content	Oxalic acid - serum
OAU	Organic acids - quantitative - urine
OB protein	Leptin - serum
(OCB) Oligoclonal Bands	Isoelectric focusing - CSF + serum
Oestradiol	Oestradiol - man/child - serum
Oestradiol	Oestradiol - woman - serum
Oestradiol	
Oestradiol - man/child - serum	
Oestradiol - woman - serum	
Oestradiol man/child - 2 time	
Oestradiol man/child - 3 time	
Oestradiol man/child - 4 time	
Oestrone	Oestrone - serum
Oestrone - serum	
OH-tryptamine (5-) - whole blood	Serotonin - whole blood
OJ - anti-antibodies	Myosite Markers - serum
Olanzapine	
Oligosaccharides - screening - urine	
Oligosaccharides - screening test	Oligosaccharides - screening - urine
Omega 3	Fatty acids of erythrocyte menbrane - chromatography - Total EDTA blood - Fatty free
Omega 6	Fatty acids of erythrocyte menbrane - chromatography - Total EDTA blood - Fatty free
OMIM code : #105830 / #176270	Angelman / Prader-Willi Syndrome - uniparental disomy - mechanism identification -
OMIM code : #105830 / #176270	Angelman / Prader-Willi Syndrome - SNRPN methylation
OMIM code : #105830/ #176270	Angelman / Prader-Willi Syndrome - SNRPN methylation
OMIM code : #105830/ #176270	Angelman / Prader-Willi Syndrome - uniparental disomy - mechanism identification -
OMIM code : *142800/+142830	Class I HLA - HLA-A and HLA-B genotyping - EDTA whole blood
OMIM code : *142857 / *604305	Class II HLA - HLA-DQ and HLA-DR genotyping - EDTA whole blood
OMIM code : *176930	Factor II - Prothrombin - G20210G>A mutation
OMIM code : *191740	UGT1A1 : screening for UGT1A1*28(rs8175347) polymorphism - Involved in irinotecan
OMIM code : *191740/ #143500	Gilbert Syndrome - Screening for UGT1A1*28 (rs8175347) polymorphism

OMIM code : #300624 / *309550	Fragile X - syndrome
OMIM code : #300624 /*309550	Fragile X - syndrome
OMIM code : *602421 / #219700	Cystic Fibrosis Detection of variations within the CFTR gene after massive
OMIM code : *602421/#219700	Cystic fibrosis Detection of variations within the CFTR gene after massive
OMIM code : *603202/ #223000	lactose primary intolerance - Genetic characterization
OMIM code : *607093 / #236250	Methylenetetrahydrofolate reductase - MTHFR gene - c.677C>T mutation
OMIM code : *608107 / #249100	Familial Mediterranean fever - MEFV gene - new generation sequencing
OMIM code : *612309	Factor V Leiden - p.Arg506Gln mutation
OMIM code : #613490 / *107400	Alpha-1 Antitrypsine - Testing for S and Z variants of the SERPINA1 gene
OMIM code : *613609 / #235200	Haemochromatosis - HFE gene - p.Cys282Tyr mutation
OMIM code : *613609 / #235200	Haemochromatosis - HFE gene - p.Ser65Cys mutation
Onchocerciasis	Filariasis - serology - serum
Oncogenetic	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
Oncogénétic	Pancreatic oncogenetic panel Target genes : APC, ATM, BRCA1, BRCA2, CDK4,
Oncogenetic exome	
Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM, MLH1,	
Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A, CHEK2,	
oncogenetics	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM,
Oncogenetics	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
Oncogenetics	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A,
Oncogenetics	Panel Hereditary breast ovarian cancer and prostate Gènes ciblés: ATM, BRCA1,
Oncogenetics	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
Oncogenetics	Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R,
oncogenic HPV	Detection of the HPV16 genome in the context of anal cancer screening
Oncogenic HPV	Detection of high-risk HPV nucleic acids using a molecular technique as part of primary
Oncology	DNA NGS Panel solid tumor colo-rectal extended : 22 genes
Oncology	DNA NGS Panel solid tumor Lung extended
Oncology	DNA NGS Panel solid tumor Pan-organ : 64 genes
Onconeuronal antibodies	Anti-neuron antibodies - CSF
Onconeuronal antibodies	Anti-neuron antibodies - serum
Onychomycosis	Fungus - Yeasts - screening
Opiates - dosage - plasma	
Opiates - dosage - urines	
Oral anticoagulants : Fluindione - Serum	
Orbenin®	Cloxacillin - Serum
Organic acids - quantitative - urine	
Orgaran® - anti-Xa	Anti-Xa activity : Danaparoid - Orgaran - plasma
Ornithosis	Chlamydia psittaci - IgA serology - serum
Ornithosis	Chlamydia psittaci - IgG serology (1st intention) - serum
oro-fecal transmission	Hepatitis E - IgM antibody - serum
Oro-fecal transmission	Hepatitis E - IgG antibody - serum
Orosomucoid - serum	
Orosomucoid (Alpha-1-acid glycoprotein)	Orosomucoid - serum
ortho-Cresol	o-Cresol - urine
Orthopoxvirus	Monkeypox virus - direct diagnosis - PCR
Osmolality	Osmolarity - serum
Osmolality	Osmolarity - urines
Osmolarity - serum	
Osmolarity - urines	
Osmotic gap	Electrolytes stool - Stool
Ostase	Alkaline phosphatases bone - serum
Osteocalcin - Serum	
Osteomark	NTx - N-telopeptides of type I collagen - urines
Ovaire	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
Ovarian cancer	Homologous recombination deficiency (HRD) and somatic mutations of the BRCA1 and
Ovarian serous carcinoma	Homologous recombination deficiency (HRD) and somatic mutations of the BRCA1 and
Ovaries - anti-antibodies	Anti-ovarian antibodies - serum
Ovary	Panel Hereditary breast ovarian cancer and prostate Gènes ciblés: ATM, BRCA1,

OVARY	Oncogenetic exome
Oxacillin - Serum	
Oxalate	Oxalic acid - serum
Oxalate	Oxalic acid - Urine
Oxalic acid - serum	
Oxalic acid - Urine	
Oxaluria	Oxalic acid - Urine
Oxazepam - Serum	
Oxcarbazepine	10-Hydroxy-carbazepine - serum
OxiCheck	Juvenalis - OxyCheck
Oxidant stress	Juvenalis - OxyCheck
Oxidative stress	Juvenalis - OxyCheck
Oxidised LDL	
Oxidized cholesterol	Oxidised LDL
OxyCheck	Juvenalis - OxyCheck
P	Progesterone - serum
P1NP - Intact N-Terminal Propeptide of Type I Procollagen - serum	
P24	HIV-1: Qualitative RNA detection, suspected primary infection - serum
P24 - HIV antigen	HIV - Human Immunodeficiency Virus - p24 antigen - serum
P25 antigen	HIV - Human Immunodeficiency Virus - p24 antigen - serum
P2PSA	[-2]pro-PSA - Phi score calculation - serum
Paediatric respiratory viruses (RSV / Metapneumovirus / Rhinovirus) - direct diagnosis - PCR	
PAHs	Metabolites of PAH (Polycyclic Aromatic Hydrocarbons) - urine
PAI1 - Plasminogen activator inhibitor-1 - plasma	
p.Ala222Val mutation	Methylenetetrahydrofolate reductase - MTHFR gene - c.677C>T mutation
PALB2	DNA NGS Panel for pancreatic cancer
PALB2	DNA NGS Panel for prostate cancer
PALB2	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
PALB2	Pancreatic oncogenetic panel Target genes : APC, ATM, BRCA1, BRCA2, CDK4,
PALB2	Panel Hereditary breast ovarian cancer and prostate Gènes ciblés: ATM, BRCA1,
Paliperidone	Risperidone
PAM50	Breast Cancer Prognostic Gene Signature Assay - PROSIGNA TEST
Pan-organ	DNA NGS Panel solid tumor Pan-organ : 64 genes
panbacterien	Detection and identification bacterial DNA - 16S PCR by NGS sequencing
Pancreas	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
Pancreas	Pancreatic oncogenetic panel Target genes : APC, ATM, BRCA1, BRCA2, CDK4,
Pancreas NGS panel	DNA NGS Panel for pancreatic cancer
Pancreas NGS panel	RNA NGS Panel for pancreatic cancer
Pancreas RNA-seq	RNA NGS Panel for pancreatic cancer
Pancreatic cancer	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Pancreatic oncogenetic panel Target genes : APC, ATM, BRCA1, BRCA2, CDK4, CDKN2A,	
Pancreatic polypeptide - Serum	
Pancreatitis	Anti-lactoferrin antibodies and anti carbonic anhydrase antibodies - serum
¨Panel	Exome Panel for chronic and hereditary pancreatitis
Panel	Cardiogenetic panel or exome
Panel	exome
Panel	Exome Congenital heart defects
Panel	Exome Isolated or syndromic intellectual disability and syndromic neurodevelopmental
Panel	Exome with interpretation interface
Panel	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
Panel	Nephrology exome
Panel	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
Panel	Oncogenetic exome
Panel	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM,
Panel	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A,
Panel	Pancreatic oncogenetic panel Target genes : APC, ATM, BRCA1, BRCA2, CDK4,
Panel	Panel Hereditary breast ovarian cancer and prostate Gènes ciblés: ATM, BRCA1,
Panel	Prenatal exome

Panel	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
Panel	Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R,
Panel Hereditary breast ovarian cancer and prostate Gènes ciblés: ATM, BRCA1, BRCA2,	
Panton Valentine toxin	PVL toxin detection (Staphyloccoccus aureus) - PCR on strain
Papillomavirus	Papillomavirus - HPV Détection and Typing of 19 high-risk HPV and 18 low-risk HPV -
Papillomavirus - HPV Détection and Typing of 19 high-risk HPV and 18 low-risk HPV - PCR	
Paraben	Paraben - urines - Paraben
Paraben - urines - Paraben	
Parabens	Paraben - urines - Paraben
Paraganglioma	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
Parainfluenza virus 1, 2, 3 - serology	Parainfluenzae 1, 2, 3 - IgG serology - serum
Parainfluenza virus types 1, 2, 3, 4	Respiratory Infection Panel - direct diagnosis - PCR
Parainfluenzae 1, 2, 3 - IgG serology - serum	
Paramyxovirus	Parainfluenzae 1, 2, 3 - IgG serology - serum
Paranodes antibodies (anti- NF155, NF186, CNTN1, CASPR1) - serum	
Paraprotein	Immunobinding - serum
Parasitological examination of stools	Parasitology - microscopy
Parasitology	Helminthes - Protozoaires - direct diagnosis - PCR - Stool
Parasitology - microscopy	
Parastrongylus cantonensis	Angiostrongylus cantonensis - serology - serum
Parathormone	PTH - Intact parathormone - aspiration biopsy
Parathormone	PTH - Intact parathormone - serum
Parathormone-related protein	PTH-RP - Parathormone related protein - plasma
Parathyroid - anti-antibodies	Anti-Calcium Sensing Receptor antibodies - serum
Parathyroid hormone	PTH - Intact parathormone - aspiration biopsy
Parathyroid hormone	PTH - Intact parathormone - serum
Paratyphoid A/B/C - serology	Salmonellosis - serology - serum
Paroxetine - serum	
PARP inhibitor	DNA NGS Panel solid tumor Endometrium
PARP inhibitor	Homologous recombination deficiency (HRD) and somatic mutations of the BRCA1 and
PARP inhibitors	DNA NGS Panel solid tumor Endometrium
PARP inhibitors	Homologous recombination deficiency (HRD) and somatic mutations of the BRCA1 and
PARPi	DNA NGS Panel for pancreatic cancer
PARPi	DNA NGS Panel for prostate cancer
PARPi	DNA NGS Panel solid tumor Endometrium
PARPi	Homologous recombination deficiency (HRD) and somatic mutations of the BRCA1 and
Parvovirus B19 - direct diagnosis - PCR	
Parvovirus B19 - IgG/IgM serology - serum	
Parvovirus B19 - immunity test - serum	
PAT	Acid phosphatases total - serum
Paucialbumin	Microalbumin - urine
PAX3	RNA NGS Panel solid tumors, Pan-organ : 65 genes
PAX3/7	RNA NGS Panel for soft tissue tumors : 20 genes
PAX7	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Paxil®	Paroxetine - serum
Pb	Lead - urine
Pb	Lead - whole blood
PBG	Porphobilinogen - urine
PBI	Iodine total - serum
PBKN	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A,
PBRM1	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
PBRM1	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
PC activity	Protein C - activity - plasma
PC Ag	Protein C - antigen - plasma
PCP - screening	Phencyclidine - screening - Urine (urination)
PCR - proviral DNA - HTLV-I/II virus	HTLV I/II Qualitative PCR - EDTA whole blood
PCT	Procalcitonin
PDGFR alpha - exons 12, 14, 18	

Peflacine®	Pefloxacin - Serum
Pefloxacin - Serum	
PEG prolactin	Prolactin - molecular forms - serum
Pemphigoid	Anti-epidermal basement membrane and intracellular substance antibodies - serum
Pemphigoid	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
Pemphigoid gestationis	Anti-epidermal basement membrane and intracellular substance antibodies - serum
Pemphigoid gestationis	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
Pemphigus	Anti-epidermal basement membrane and intracellular substance antibodies - serum
Pemphigus	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
Pemphigus vulgaris	Anti-epidermal basement membrane and intracellular substance antibodies - serum
Pemphigus vulgaris	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
Peptide of type III procollagen	Type III procollagen - serum
Peptides from bone collagen degradation	CrossLaps - Serum
Peptides from bone collagen degradation	CrossLaps - urines
Peptides from NTx collagen degradation	NTx - N-telopeptides of type I collagen - urines
Per- and polyfluoroalkyl compounds - 7 compounds panel - Serum	
Per- and polyfluoroalkyl compounds - extended panel - Serum	
Perampanel - Serum - PERAMPANEL	
Perchloroethylene	Tetrachloroethylene - EDTA whole blood or Heparin
Perchloroethylene	Tetrachloroethylene - urine
Perfluoroalkyles et polyfluoroalkyles compound	Per- and polyfluoroalkyl compounds - 7 compounds panel - Serum
PerFluoroAlkylSubstances	Per- and polyfluoroalkyl compounds - 7 compounds panel - Serum
perfluorodecanoic acid (PFDA)	Per- and polyfluoroalkyl compounds - 7 compounds panel - Serum
perfluorohexanesulfonic acid (PFHxS)	Per- and polyfluoroalkyl compounds - 7 compounds panel - Serum
perfluorononanoic acid (PFNA)	Per- and polyfluoroalkyl compounds - 7 compounds panel - Serum
perfluoroundecanoic acid (PFUnDA)	Per- and polyfluoroalkyl compounds - 7 compounds panel - Serum
Periciazine - Serum	
Periodic disease - FMF	Familial Mediterranean fever - MEFV gene - new generation sequencing
Persantine®	Dipyridamole - Serum
Pertussis - serology	
Pertussis Disease	Pertussis - serology
Pertussis toxin	Pertussis - serology
Pesticides - screening and/or dosage - urine	
PEth	Phosphatidylethanol - Buvard ou sang total
PEth 16:0/18:1	Phosphatidylethanol - Buvard ou sang total
PF4 - heparin - anti-antibodies	Anti-PF4 antibodies - heparin - plasma
PFAS	Per- and polyfluoroalkyl compounds - 7 compounds panel - Serum
PFAS	Per- and polyfluoroalkyl compounds - extended panel - Serum
PFAS	tfrifluoroacetic acid TFA
p.Glu264Val mutation and p.Glu342Lys mutation	Alpha-1 Antitrypsine - Testing for S and Z variants of the SERPINA1 gene
PGX	Pharmacogenetic option on exome already sequenced at Eurofins Biomnis
Phadiatop	Specific IgE : inhalant allergen testing - Phadiatop®
Pharmacogenetic option on exome already sequenced at Eurofins Biomnis	
Pharmacogenetic Passport - PharmacoPass Expert	
Pharmacogenetics	Pharmacogenetic option on exome already sequenced at Eurofins Biomnis
Pharmacogénétique	Pharmacogenetic Passport - PharmacoPass Expert
Phencyclidine - screening - Urine (urination)	
Phenobarbital - Serum	
Phenobarbitone levels in blood	Phenobarbital - Serum
Phenol - urine	
Phenothiazine®	Cyamemazine - Serum
Phenotype (C, c, E, e, Kell)	Rhesus Kell
Phenotyping	Immunophenotyping: Lymphocytes B - CD19 - EDTA whole blood
Phenotyping	Immunophenotyping: Lymphocytes CD3-CD4-CD8 - EDTA whole blood
Phenotyping	Immunophenotyping: Lymphocytes CD56+ / CD16+ - Natural Killer Cells - EDTA whole
Phenotyping	Immunophenotyping: Lymphocytes NK/CD57 - EDTA whole blood
Phenotyping of dihydropyrimidine dehydrogenase	Uracile - dosage(search a risk of toxicity to fluoropyrimidines)
Phenylalanine - urine	

phenylketonuria	Phenylalanine - urine
Phenytoin - Serum	
Phéochromocytoma	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
Phi	[-2]pro-PSA - Phi score calculation - serum
Phi index	[-2]pro-PSA - Phi score calculation - serum
Phosphate	Phosphorus - serum
Phosphatidylethanol - Buvard ou sang total	
Phosphatidylethanolamine - anti-IgG antibodies	Anti-phosphatidylethanolamine antibodies - IgG - serum
Phosphatidylethanolamine - anti-IgM antibodies	Anti-phosphatidylethanolamine antibodies - IgM - serum
Phosphaturia	Phosphorus - urine
phospholipase A2 receptor type M	anti-PLA2R antibodies
Phosphorus - serum	
Phosphorus - tubular reabsorption rate	
Phosphorus - urine	
Phosphorylated tau protein	TAU - PTAU - Amyloid proteins - LCR
Phtalates	Phtalates - extended panel - urines - Phtalates - extended panel
Phtalates	Phtalates - reducted panel - urines - Phtalates - reducted panel
Phtalates - extended panel - urines - Phtalates - extended panel	
Phtalates - reducted panel - urines - Phtalates - reducted panel	
Phylloquinone	Vitamin K1 - Phylloquinone
Phytomenadione	Vitamin K1 - Phylloquinone
Pi - Protease inhibitor	Alpha-1 Antitrypsin - dosage - Serum
Pi - Protease inhibitor - genotyping	Alpha-1 Antitrypsine - Testing for S and Z variants of the SERPINA1 gene
PIGF	Pre-eclampsia - risk estimation - serum
PIII-P	Type III procollagen - serum
PIK3CA	DNA NGS Panel for brain solid tumors
PIK3CA	DNA NGS Panel for cholangiocarcinoma
PIK3CA	DNA NGS Panel solid tumor Breast
Piperacillin - Serum	
Piroplasmosis	Human babesiosis - serology - serum
PITCH1	Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R,
PITCH2	Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R,
Pituitary hormones - alpha subunits	Alpha subunit - hCG, FSH, LH, TSH - serum
PKD1	Nephrology exome
PKD2	Nephrology exome
PL12 - anti-antibodies	Myosite Markers - serum
PL7 - anti-antibodies	Myosite Markers - serum
PLA	Lipoprotein Lp-PLA2 - serum
placental alkaline phosphatase	Alkaline phosphatases - isoenzymes - serum
Plaquenil®	Hydroxychloroquine - EDTA whole blood
Plasminogen - plasma	
Plasminogen activity	Plasminogen - plasma
Plasmocyte immunophenotyping	Immunophenotyping of malignant hemopaties
Plasmodium falciparum - serology	Sérologie Palustre (IgM/IgG)
Platelet Coombs	Anti-platelet antibodies bound or free - screening and identification
Platelet typing - EDTA whole blood	
Platelet VASP	VASP - VAsodilatator Stimulated Phosphoprotein - whole blood
plathelminthes et nemaltheminthes	Parasitology - microscopy
Plavix® - resistance test	VASP - VAsodilatator Stimulated Phosphoprotein - whole blood
Plesiomonas shigelloides	Gastrointestinal Panel - direct diagnosis - PCR - Stools
Pleura	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A,
PM100 - anti-antibodies	Myosite Markers - serum
PM1 - anti - antibodies	Myosite Markers - serum
PM-Scl - anti-antibodies	Myosite Markers - serum
PM75 - anti-antibodies	Myosite Markers - serum
PMS2	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
PMS2	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM,
PMS2	Pancreatic oncogenetic panel Target genes : APC, ATM, BRCA1, BRCA2, CDK4,

PMS2	Panel Hereditary breast ovarian cancer and prostate Gènes ciblés: ATM, BRCA1,
Pneumoccoccus	Soluble bacterial antigens Streptococcus pneumoniae - CSF
Pneumoccoccus	Soluble bacterial antigens Streptococcus pneumoniae - urines
Pneumococcus - serology	Streptococcus pneumoniae - capsular polysaccharide - serology - serum
Pneumocoque	Designated bacterium - direct diagnosis - PCR
Pneumocystis	Beta-D-Glucan antigen - screening
Pneumocystis	Pneumocystis jirovecii - Quantitative PCR / fungal load
Pneumocystis carinii	Pneumocystis jirovecii - Quantitative PCR / fungal load
Pneumocystis jirovecii - Quantitative PCR / fungal load	
Pneumocystosis	Beta-D-Glucan antigen - screening
Pneumogeine®	Theophylline - Serum
Pneumotropic viruses - adenovirus	Adenovirus - IgG serology - serum
Pneumotropic viruses - adenovirus	Adenovirus - screening - Stools
Pneumotropic viruses - influenza - serology	Influenza A and B - IgG serology - serum
POLD1	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
POLD1	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM,
POLE	DNA NGS Panel solid tumor Colon
POLE	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
POLE	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM,
Poliomyelitis	Poliovirus - serology - serum
Poliovirus - serology - serum	
Poliovirus type 1	Poliovirus - serology - serum
Polycyclic Aromatic Hydrocarbons	Metabolites of PAH (Polycyclic Aromatic Hydrocarbons) - urine
polycystic kidney disease	Nephrology exome
Polymyositis	Myosite Markers - serum
Polyomavirus BK - viral load	
Polyomavirus JC	Polyomavirus JC - direct diagnosis - PCR
Polyomavirus JC - direct diagnosis - PCR	
Ponderal Assay of Immune Globulin	IgA/G/M - Immunoglobulins A/G/M - serum
Pontiac fever	Legionellosis- IgG screening serology - serum
POR	Pharmacogenetic option on exome already sequenced at Eurofins Biomnis
POR	Pharmacogenetic Passport - PharmacoPass Expert
Porphobilinogen - urine	
Porphyrin precursors	delta-Aminolevulinic acid - urine
Porphyrin precursors	Porphobilinogen - urine
Porphyrins - stool	
Porphyrins - Urines	
POT1	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
POT1	Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R,
potassium	Electrolytes stool - Stool
Potassium channels - anti-antibodies	Anti-potassium channel antibodies / Lgi1 Caspr2 - serum
PP	Pancreatic polypeptide - Serum
PPARGC1A	RNA NGS Panel solid tumors, Pan-organ : 65 genes
PPP1CB	RNA NGS Panel solid tumors, Pan-organ : 65 genes
PR3 - anti-antibodies	Anti-PR3 antibodies - proteinase 3 - Serum
Pradaxa	Dabigatran - Measurement of the Dabigatran anti Iia activity - plasma
Prasugrel	VASP - VAsodilatator Stimulated Phosphoprotein - whole blood
Prazepam - Serum	
Pre-eclampsia	Pre-eclampsia - risk estimation - serum
Pre-eclampsia	Pre-eclampsia sFlt-1 et PlGF - Predictive test - sFlt-1/PlGF ratio - serum
Pre-eclampsia sFlt-1 et PlGF - Predictive test - sFlt-1/PlGF ratio - serum	
Pre-eclampsia - risk estimation - serum	
Pre-eclampsia risk calculation	Pre-eclampsia - risk estimation - serum
Prealbumin - serum	
precipitin (nature to be specified)	Serodiagnosis of cheesemonger lung Alveolitis Allergic Extrinsic) - screening - serum
precipitin (nature to be specified)	Serodiagnosis of Mushroom worker's lung (Alveolitis Allergic Extrinsic) - screening -
precipitins (nature to be specified)	Serodiagnosis of baker lung (Alveolitis Allergic Extrinsic) - screening - serum
precipitins (nature to be specified)	Serodiagnosis of Domestic lung (Alveolitis Allergic Extrinsic) - screening - serum

Predisposition	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
Predisposition	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM,
Predisposition	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A,
Predisposition	Pancreatic oncogenetic panel Target genes : APC, ATM, BRCA1, BRCA2, CDK4,
Predisposition	Panel Hereditary breast ovarian cancer and prostate Gènes ciblés: ATM, BRCA1,
Predisposition	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
Predisposition	Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R,
PREDISPOSITION	Oncogenetic exome
Prédisposition	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
Preeclampsia	Pre-eclampsia sFlt-1 et PlGF - Predictive test - sFlt-1/PlGF ratio - serum
Pregabalin - serum	
Pregnenolone	
Pregnenolone - 17-Hydroxy	17-Hydroxy-Pregnenolone - serum
Pregnenolone - 17-OH-	17-Hydroxy-Pregnenolone - serum
Pregnenolone - serum	
Pregnenolone sulfate - serum	
Prekallikrein - activity - plasma	
PRENATAL	Prenatal exome
Prenatal exome	
Presumed diagnosis of O27 types of Clostridium difficile	Clostridium difficile - toxins-screening by PCR
Previscan®	Oral anticoagulants : Fluindione - Serum
Prezista®	Darunavir - Serum
PRIST	Total IgE - serum
PRKACA	RNA NGS Panel solid tumors, Pan-organ : 65 genes
PRKAR1A	RNA NGS Panel solid tumors, Pan-organ : 65 genes
PRKN	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
PRL	Prolactin - serum
Pro-Brain Natriuretic Peptide	NT-proBNP - N-Terminal Pro-Brain Natriuretic Peptide - serum
Pro-gastrin-releasing-peptide (ProGRP)	
Proaccelerin	Factor V - Proaccelerin - plasma
Procalcitonin	
Proconvertin	Factor VII - Proconvertin - plasma
Prodilantin	Phenytoin - Serum
Progesterone	
Progesterone, 17-OH-	17-Hydroxyprogesterone
Progesterone - serum	
Progesterone hormone	Progesterone - serum
Prognosis	DNA NGS Panel solid tumor colo-rectal extended : 22 genes
Prograf®	Tacrolimus - FK-506
Progression	DNA NGS Panel solid tumor colo-rectal extended : 22 genes
Proinsulin	
Proinsulin 10 time	
Proinsulin 11 time	
Proinsulin 12 time	
Proinsulin 13 time	
Proinsulin - serum	
Proinsulin 7 time	
Proinsulin 8 time	
Proinsulin 9 time	
proinsuline	
Prolactin	
Prolactin - molecular forms - serum	
Prolactin - serum	
Prolactin 7 time	
Prolactin 8 time	
Prolactin 9 time	
Prolans A	FSH - Follicle-stimulating hormone - serum
Prolans A	FSH - Follicle-stimulating hormone - urines

Prolans A	
PROLANS B	Total HCG (HCG dimer + beta fraction) - serum
Propafenone - Serum	
propériciazine	Periciazine - Serum
Propofan®	Dextropropoxyphene - urine
Propoxyphène	Dextropropoxyphene - urine
Propranolol - Serum	
proPSA	[-2]pro-PSA - Phi score calculation - serum
Prostate	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
Prostate	Panel Hereditary breast ovarian cancer and prostate Gènes ciblés: ATM, BRCA1,
Prostate cancer	DNA NGS Panel for prostate cancer
Prostate cancer	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Prostate Health Index	[-2]pro-PSA - Phi score calculation - serum
Prostate NGS panel	DNA NGS Panel for prostate cancer
Protease inhibitor	Alpha-1 Antitrypsin - dosage - Serum
Protein 14.3.3	
Protein 4	HE4- ROMA calculation - serum
protein C	Protein C - activity - plasma
Protein C - activity - plasma	
Protein C - antigen - plasma	
Protein C activity	Protein C - activity - plasma
Protein C anticoagulant activity	Protein C - activity - plasma
Protein C antigen	Protein C - antigen - plasma
Protein electrophoresis	
Protein electrophoresis - serum	
Protein electrophoresis and Immunobinding - serum	
protein S	Protein S - activity - plasma
Protein S100	Protein S100 - serum
Protein S100 - serum	
Protein S100 beta	Protein S100 - serum
Protein S - activity - plasma	
Protein S activity	Protein S - activity - plasma
Protein S anticoagulant activity	Protein S - activity - plasma
Protein-bound iodine	Iodine total - serum
Proteinase 3 - anti-antibodies	Anti-PR3 antibodies - proteinase 3 - Serum
Proteinemia	Proteins - dosage - serum
Proteinogram	Protein electrophoresis
Proteinogram	Protein electrophoresis and Immunobinding - serum
Proteinogram	Protein electrophoresis - serum
Proteins - biological fluid	
Proteins - dosage - serum	
Proteins - dosage - urine	
Proteins - electrophoresis	Protein electrophoresis
Proteins - electrophoresis	Protein electrophoresis and Immunobinding - serum
Proteins - electrophoresis	Protein electrophoresis - serum
Proteins - urine	Protein electrophoresis
Proteinuria	Proteins - dosage - urine
Prothrombin - activity	Factor II - Prothrombin - activity - plasma
Prothrombin - Anti-IgG antibodies G	Anti-prothrombin antibodies - IgG - serum
Prothrombin - fragment 1+2	Fragment 1+2 - prothrombin - plasma
Prothrombin mutation	Factor II - Prothrombin - G20210G>A mutation
Prothrombin time	Prothrombine Ratio - plasma
Prothrombine Ratio - plasma	
Protide	Proteins - biological fluid
Protidemia	Proteins - dosage - serum
Proton pump - anti antibodies	Anti-proton pump antibodies - serum
Protopic®	Tacrolimus - FK-506
Protoporphyrins	Erythrocyte porphyrins

Protoporphyrins	Porphyrins - stool
Protozoaires	Helminthes - Protozoaires - direct diagnosis - PCR - Stool
Provitamin A	Beta-carotene
Prozac®	Fluoxetine - serum
PRSS1	Exome Panel for chronic and hereditary pancreatitis
PS activity	Protein S - activity - plasma
PS-100	Protein S100 - serum
PSA - Prostate-specific antigen free - serum	
PSA - Prostate-specific antigen total - Aspiration biopsy	
PSA - Prostate-specific antigen total - serum	
PSA ultra sensible	PSA - Prostate-specific antigen total - serum
PSA2	[-2]pro-PSA - Phi score calculation - serum
PSAL	PSA - Prostate-specific antigen free - serum
PSAT	PSA - Prostate-specific antigen total - Aspiration biopsy
PSAT	PSA - Prostate-specific antigen total - serum
Pseudocholinesterase	Cholinesterase - Serum
Psittacosis	Chlamydia psittaci - IgA serology - serum
Psittacosis	Chlamydia psittaci - IgG serology (1st intention) - serum
PSV1	Poliovirus - serology - serum
PTCH1	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
PTCH2	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
PTEN	DNA NGS Panel for brain solid tumors
PTEN	DNA NGS Panel for prostate cancer
PTEN	DNA NGS Panel solid tumor Breast
PTEN	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
PTEN	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM,
PTEN	Pancreatic oncogenetic panel Target genes : APC, ATM, BRCA1, BRCA2, CDK4,
PTEN	Panel Hereditary breast ovarian cancer and prostate Gènes ciblés: ATM, BRCA1,
PTEN	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
pteroyl-monoglutamic acid	Erythrocyte folic acid
pteroyl-monoglutamic acid	Folic acid - serum
pteroylglutamic acid	Erythrocyte folic acid
pteroylglutamic acid	Folic acid - serum
PTH 1-84	PTH - Intact parathormone - aspiration biopsy
PTH 1-84	PTH - Intact parathormone - serum
PTH - intact	PTH - Intact parathormone - aspiration biopsy
PTH - intact	PTH - Intact parathormone - serum
PTH - Intact parathormone - aspiration biopsy	
PTH - Intact parathormone - serum	
PTH-like	PTH-RP - Parathormone related protein - plasma
PTH-related peptide	PTH-RP - Parathormone related protein - plasma
PTH-RP - Parathormone related protein - plasma	
PTHrP	PTH-RP - Parathormone related protein - plasma
PTT	Factor Willebrand protease activity - ADAMTS 13
Puce à ADN	Constitutional Molecular Karyotype - SNP ARRAY - Product of conception
Puce à ADN	Re-evaluation - Constitutional Molecular Karyotyping
Pulmonary	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A,
Pulmonary adenocarcinoma	DNA NGS Panel solid tumor Lung
Pulmonary adenocarcinoma	DNA NGS Panel solid tumor Lung extended
Pulmonary RNA-seq	RNA NGS Panel for lung cancers
Purpura thrombotique thrombocytopénique	Factor Willebrand protease activity - ADAMTS 13
Puumala	Hantavirus - IgG/IgM serology - serum
PV1	Poliovirus - serology - serum
PVL toxin detection (Staphyloccoccus aureus) - PCR on strain	
Pyridoxal	Vitamin B6 - Pyridoxal phosphate
Pyridoxal phosphate	Vitamin B6 - Pyridoxal phosphate
Pyridoxamine	Vitamin B6 - Pyridoxal phosphate
Pyridoxine	Vitamin B6 - Pyridoxal phosphate

Pyruvate	Ketone bodies - Deproteinized heparin whole blood sample or CSF
Pyruvate	Pyruvic acid - Supernatant or CSF
Pyruvic acid	Ketone bodies - Deproteinized heparin whole blood sample or CSF
Pyruvic acid - Supernatant or CSF	
Pyzchiva	Ustekinumab - serum
Q fever	Coxiella burnetii (Q fever) - IgG and IgM serology, Phases I and II - serum
Q fever	Coxiella burnetii (Q fever) - Screening serology Total Ac Phase II - serum
QKI	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Quantiferon® TB Gold Plus	Interferon gamma production - Quantiferon® TB Gold Plus
Quantiferon test	Interferon gamma production - Quantiferon® TB Gold Plus
Quantitative RPR	Syphilis - VDRL or quantitative RPR
Quantitative VDRL	Syphilis - VDRL or quantitative RPR
Quetiapine	
R506Q mutation	Factor V Leiden - p.Arg506Gln mutation
Rabies	Rabies - IgG serology - serum
Rabies - anti-antibodies	Rabies - IgG serology - serum
Rabies - IgG serology - serum	
RAC	Anti-acetylcholine receptor antibodies - serum
RAD51B	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
RAD51C	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
RAD51C	Pancreatic oncogenetic panel Target genes : APC, ATM, BRCA1, BRCA2, CDK4,
RAD51C	Panel Hereditary breast ovarian cancer and prostate Gènes ciblés: ATM, BRCA1,
RAD51D	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
RAD51D	Pancreatic oncogenetic panel Target genes : APC, ATM, BRCA1, BRCA2, CDK4,
RAF1	DNA NGS Panel for brain solid tumors
Raltegravir - Serum	
RAP	Renin active
Rapamune®	Sirolimus
Rapid Plasma Reagin	Syphilis - VDRL or quantitative RPR
RARE DISEASES	exome
RARE DISEASES	Exome with interpretation interface
RARE DISEASES	Nephrology exome
RAS status	DNA NGS Panel solid tumor Colon
RAS status	DNA NGS Panel solid tumor colo-rectal extended : 22 genes
Rat flea	Rickettsioses - R. conorii, R. typhi - serology - serum
Rat louse	Rickettsioses - R. conorii, R. typhi - serology - serum
Ratio cuivre échangeable / total	Copper - exchangeable / free
RB1	DNA NGS Panel for brain solid tumors
RB1	Retinoblastoma oncogenetic panel Target gene: RB1
RBP	Retinol-Binding Protein - RBP
Re-evaluation - Constitutional Molecular Karyotyping	
Rearrangement	RNA NGS panel for brain solid tumors
Rearrangement	RNA NGS Panel for cholangiocarcinoma
Rearrangement	RNA NGS Panel for pancreatic cancer
Rearrangement	RNA NGS Panel for soft tissue tumors : 20 genes
Rearrangement	RNA NGS Panel for thyroid cancer
Rearrangement	RNA NGS Panel solid tumors, Pan-organ : 65 genes
REC relative exchangeable copper	Copper - exchangeable / free
rectal	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM,
Rectal	DNA NGS Panel solid tumor Colon
Rectal	DNA NGS Panel solid tumor colo-rectal extended : 22 genes
REDOX	Juvenalis - OxyCheck
Reducing sugars	Sugars - screening - Stool
réinterprétation d'exome	
Remicade	Infliximab
Remsima	Infliximab
Renal	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B, MET,	

Renin	
Renin - Standing or Sitting position	
Renin active	
Renin Active - lying	
Renin activity	Renin active
Renin-angiotensin system activity	Renin active
Renome	Nephrology exome
Repaglinide	Sulphonylureas - serum
residual disease LLC	Immunophenotyping of malignant hemopaties
Resistance mutation	DNA NGS Panel solid tumor Pan-organ : 64 genes
Resistance to macrolides	Mycoplasma genitalium Search for mutations associated with macrolide resistance
Resistance to second-line injectable antibiotics (aminoglycosides)	Mycobacteria - PCR detection of mutations associated with resistance to isoniazid,
Respiratory Infection Panel - direct diagnosis - PCR	
Respiratory Syncitial Virus	Respiratory syncytial virus - RSV - IgG serology - serum
Respiratory syncytial virus - RSV - IgG serology - serum	
RET	DNA NGS Panel for thyroid cancer
RET	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
RET	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
RET	RNA NGS Panel for lung cancers
RET	RNA NGS Panel for thyroid cancer
RET	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Retine	Retinoblastoma oncogenetic panel Target gene: RB1
Retinoblastoma oncogenetic panel Target gene: RB1	
Rétinoblastome	Retinoblastoma oncogenetic panel Target gene: RB1
Retinol	Vitamin A - Retinol - Plasma
Retinol-Binding Protein - RBP	
Reverse T3	rT3 - Reverse triiodothyronine - Serum
Reverse transcriptase - sequencing of the gene	HIV-1 Resistance Genotyping to antiretroviral drugs: reverse transcriptase, protease,
Reverse triiodothyronine	rT3 - Reverse triiodothyronine - Serum
RF	Rheumatoid factors - IgA - serum
RF	Rheumatoid factors - serum
RH3 Genotyping	Fetal RH3(E) - genotyping
RH3 Genotyping	Fetal RHc - genotyping
RHD	
Rhesus D	blood grouping - genotyping - EDTA whole blood
Rhesus D	
Rhesus D - foetal genotype	
Rhesus Kell	
Rhesus/Kell	Rhesus Kell
Rhesus/Kell antigens	Rhesus Kell
Rheumatoid factor - IgM	Rheumatoid factors - serum
Rheumatoid factors - IgA - serum	
Rheumatoid factors - serum	
Rhinovirus	Paediatric respiratory viruses (RSV / Metapneumovirus / Rhinovirus) - direct diagnosis -
Ri - anti-antibodies	Anti-neuron antibodies - serum
Riboflavin	Vitamin B2 - Riboflavin
Ribosomes - anti-antibodies	Anti-ribosome antibodies - serum
Rickettsia	Rickettsioses - R. conorii, R. typhi - serology - serum
Rickettsia mooserl	Rickettsioses - R. conorii, R. typhi - serology - serum
Rickettsia prowazekii	Rickettsioses - R. conorii, R. typhi - serology - serum
Rickettsia typhi	Rickettsioses - R. conorii, R. typhi - serology - serum
Rickettsioses - R. conorii, R. typhi - serology - serum	
Rifadine®	Rifampicin - Serum
Rifampicin - Serum	
R/IL-2	Interleukin (IL)-2 - receptor
Rilpivirine - Serum	
RIMIFON	INH - Isoniazid - Serum
Risk of Ovarian Malignancy Algorithm	HE4- ROMA calculation - serum

Risperdal®	Risperidone
Risperidone	
RIST	Total IgE - serum
Ristocetin cofactor	Von Willebrand factor - plasma
Ritalin	Methylphenidate Hydrochloride - Serum
Ritemvia®	Rituximab - serum
Ritonavir - Serum	
Rituxan®	Rituximab - serum
Rituximab	Immunophenotyping: Lymphocytes B - CD19 - EDTA whole blood
Rituximab - serum	
Rituzena®	Rituximab - serum
Rivaroxaban - Anti Xa activity measurement - plasma	
Rivotril®	Clonazepam - Serum
Rixathon®	Rituximab - serum
Riximyo®	Rituximab - serum
RNA	Targeted RNA sequencing
RNA NGS panel for brain solid tumors	
RNA NGS Panel for cholangiocarcinoma	
RNA NGS Panel for lung cancers	
RNA NGS Panel for pancreatic cancer	
RNA NGS Panel for soft tissue tumors : 20 genes	
RNA NGS Panel for thyroid cancer	
RNA NGS Panel solid tumors, Pan-organ : 65 genes	
RNA panel	RNA NGS panel for brain solid tumors
RNA panel	RNA NGS Panel for cholangiocarcinoma
RNA panel	RNA NGS Panel for pancreatic cancer
RNA panel	RNA NGS Panel for soft tissue tumors : 20 genes
RNA panel	RNA NGS Panel for thyroid cancer
RNA polymerase	Markers in progressive systemic sclerosis(Scleroderma) - serum
RNA seq	RNA NGS panel for brain solid tumors
RNA seq	RNA NGS Panel for cholangiocarcinoma
RNA seq	RNA NGS Panel for soft tissue tumors : 20 genes
RNA seq	RNA NGS Panel for thyroid cancer
RNA seq	RNA NGS Panel solid tumors, Pan-organ : 65 genes
RNA-seq	RNA NGS Panel for cholangiocarcinoma
RNAseq	Targeted RNA sequencing
RO52	Anti-ENA antibodies (SSA, SSB, Sm, Rnp, Jo1, Scl-70) - screening and titration - Serum
RoActemra	Tocilizumab - serum
ROCA	HE4- ROMA calculation - serum
Rocephine®	Ceftriaxone - Serum
ROMA	HE4- ROMA calculation - serum
ROMA algorithm	HE4- ROMA calculation - serum
ROMA Index	HE4- ROMA calculation - serum
ROMA score	HE4- ROMA calculation - serum
Ropivacaine®	Naropeine - Serum
ROS1	RNA NGS panel for brain solid tumors
ROS1	RNA NGS Panel for lung cancers
ROS1	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Rose-Bengal	Brucellosis - Serology (Rose bengale + brucellacapt) - serum
Rosenthal - factor	Factor XI - Rosenthal - plasma
Rosenthal factor	Factor XI - Rosenthal - plasma
Roseola	Herpes virus type 6 (HHV6) - IgG serology
Roseola	Herpes virus type 6 (HHV6) - IgM serology
Rosner index	Circulating anticoagulant - screening - plasma
Rotavirus - rapid screening - Stools	
Rotavirus A	Gastrointestinal Panel - direct diagnosis - PCR - Stools
Rovalcyte	Ganciclovir - plasma
RP	Prothrombine Ratio - plasma

RPCa	Activated protein C resistance - plasma
RPR	Syphilis - VDRL or quantitative RPR
rrl	Non tuberculosis mycobacteria - PCR detection of macrolide and aminoglycoside
rrs	Non tuberculosis mycobacteria - PCR detection of macrolide and aminoglycoside
RSSE	Tick-borne encephalitis - TBE - IgG/IgM serology - serum
RST	Soluble transferrin receptor - serum
RsTf	Soluble transferrin receptor - serum
rT3	rT3 - Reverse triiodothyronine - Serum
rT3 - Reverse triiodothyronine - Serum	
RTEL1	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
RTEL1	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A,
Rubella - antibody avidity - IgG - serum	
Rubella - Western blot - serum	
Rubella virus - antibody avidity	Rubella - antibody avidity - IgG - serum
Rufinamide - Serum	
RVIH3	HIV-1 Resistance Genotyping to antiretroviral drugs: reverse transcriptase, protease,
RYR1	Pharmacogenetic option on exome already sequenced at Eurofins Biomnis
RYR1	Pharmacogenetic Passport - PharmacoPass Expert
Rythmodan®	Disopyramide - serum
Rythmol®	Propafenone - Serum
S100 proteins	Serum calprotectin - Serum
S100A8/S100A9 heterodimer	Serum calprotectin - Serum
S65C mutation	Haemochromatosis - HFE gene - p.Ser65Cys mutation
Sabril®	Vigabatrin - Serum
Saccharomyces cerevisiae - anti-antibodies	Anti-Saccharomyces cerevisiae antibodies - IgG/IgA - serum
SAE	Myosite Markers - serum
SAICAR	Adenylosuccinase - deficiency syndrome screening - urine
salivary lithiasis	Gallstones/Saliva/Other - morphologic and infrared analysis
salivary stone	Gallstones/Saliva/Other - morphologic and infrared analysis
Salmonella sp	Gastrointestinal Panel - direct diagnosis - PCR - Stools
Salmonellosis - serology - serum	
Sandell-Kolthoff reaction	Iodine total - serum
Sandell-Kolthoff reaction	Iodine - urine
Sandimun®	Cyclosporin
Sapovirus GI/GII/GIV/GV	Gastrointestinal Panel - direct diagnosis - PCR - Stools
Sarcoma	RNA NGS Panel for soft tissue tumors : 20 genes
Sarcoma RNA-seq	RNA NGS Panel for soft tissue tumors : 20 genes
Sarcomas	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Sarcoptes scabei	scabies - screening
SARS-CoV-2	COVID 19 / Influenza virus A and B - panel - direct diagnosis - PCR
SARS-CoV-2	COVID-19 (SARS-CoV-2) IgG serology anti-S
SARS-CoV-2	Respiratory Infection Panel - direct diagnosis - PCR
saturnism	Lead - whole blood
SBG	Sex-Binding Globulin - SHBG
SBP	Sex-Binding Globulin - SHBG
SCA	Anti-adrenal gland antibodies - serum
scabies	scabies - screening
scabies - screening	
scabies mite	scabies - screening
SCC	SCC-TA4 antigen - aspiration biopsy
SCC	SCC-TA4 antigen - serum
SCC-TA4 antigen - aspiration biopsy	
SCC-TA4 antigen - serum	
schistocyte	Erythrocytes morphological aspect
Schistosoma haematobium	Schistosomiasis - direct diagnosis - PCR
Schistosoma mansoni	Schistosomiasis - direct diagnosis - PCR
Schistosomas	Schistosomiasis - confirmation serology - serum
Schistosomas	Schistosomiasis - direct diagnosis - PCR

Schistosomas	Schistosomiasis - screening serology - serum
Schistosomiasis	Schistosomiasis - direct diagnosis - PCR
Schistosomiasis - confirmation serology - serum	
Schistosomiasis - direct diagnosis - PCR	
Schistosomiasis - screening serology - serum	
Schwannoma	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
SCN-	Thiocyanates - ion - Serum
SCN-	Thiocyanates - ion - urine
SCN5A	Cardiogenetic panel or exome
Score matutes	Immunophenotyping of malignant hemopaties
Screening for heparin-induced thrombopaenia	Anti-PF4 antibodies - heparin - plasma
SCSA	DNA fragmentation test - DNA decondensation - SCSA - Sperm
SDC4	RNA NGS Panel solid tumors, Pan-organ : 65 genes
SDHA	DHEAS - Dehydroepiandrosterone sulfate
SDHA	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
SDHA	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
SDHAF2	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
SDHAF2	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
SDHAF2	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
SDHB	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
SDHB	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
SDHB	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
SDHC	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
SDHC	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
SDHC	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
SDHD	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
SDHD	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
SDHD	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
SDHEA	DHEAS - Dehydroepiandrosterone sulfate
Se	Selenium
Se	Selenium - urine
Search for B and binary toxins of C. difficile.	Clostridium difficile - toxins-screening by PCR
SEBG	Sex-Binding Globulin - SHBG
Selectivity index	Protein electrophoresis
Selenium	
Selenium - urine	
Seloken®	Metoprolol - Serum
Sensibilité aux antibiotiques	Anaerobic and aerobic bacteria - susceptibility testing
Sensitivity to antifungal agents	Fungus - Yeasts - MIC: Minimum Inhibitory Concentration
Sensitivity to antifungal agents	Yeasts - antifungal susceptibility testing
Seoul	Hantavirus - IgG/IgM serology - serum
SEQONE	Exome with interpretation interface
Séquençage de 3e génération	Séquencage des gènes BRCA1 et BRCA2
Séquencage des gènes BRCA1 et BRCA2	
Séquençage long read	Séquencage des gènes BRCA1 et BRCA2
Sequencing	DNA NGS Panel for brain solid tumors
Sequencing	DNA NGS Panel for cholangiocarcinoma
Sequencing	DNA NGS Panel for pancreatic cancer
Sequencing	DNA NGS Panel for prostate cancer
Sequencing	DNA NGS Panel for thyroid cancer
Sequencing	DNA NGS Panel solid tumor Breast
Sequencing	DNA NGS Panel solid tumor Colon
Sequencing	DNA NGS Panel solid tumor colo-rectal extended : 22 genes
Sequencing	DNA NGS Panel solid tumor Endometrium
Sequencing	DNA NGS Panel solid tumor GIST
Sequencing	DNA NGS Panel solid tumor Lung
Sequencing	DNA NGS Panel solid tumor Lung extended
Sequencing	DNA NGS Panel solid tumor Melanoma

Sequencing	Homologous recombination deficiency (HRD) and somatic mutations of the BRCA1 and
Sequencing	RNA NGS panel for brain solid tumors
Sequencing	RNA NGS Panel for cholangiocarcinoma
Sequencing	RNA NGS Panel for lung cancers
Sequencing	RNA NGS Panel for pancreatic cancer
Sequencing	RNA NGS Panel for soft tissue tumors : 20 genes
Sequencing	RNA NGS Panel for thyroid cancer
Sequencing	RNA NGS Panel solid tumors, Pan-organ : 65 genes
SEQUENCING	Prenatal exome
Sequencing of the gene encoding the envelope protein gp120	HIV-1 Resistance Genotyping to antiretroviral drugs: envelope gene, tropism (RNA) -
Serecor®	Hydroquinidine - Serum
Seresta®	Oxazepam - Serum
Serodiagnosis of baker lung (Alveolitis Allergic Extrinsic) - screening - serum	
Serodiagnosis of cheesemonger lung Alveolitis Allergic Extrinsic) - screening - serum	
Serodiagnosis of Domestic lung (Alveolitis Allergic Extrinsic) - screening - serum	
Serodiagnosis of Mushroom worker's lung (Alveolitis Allergic Extrinsic) - screening - serum	
Sérologie Palustre (IgM/IgG)	
Seroplex	Escitalopram - Serum
Serotonin - whole blood	
Serotonin metabolite	5-HIAA - 5-hydroxyindoleacetic acid - Urine
Sertraline - serum	
Serum calprotectin - Serum	
Serum markers for Trisomy 21	Trisomy 21 - 1st trimester combined screening
Serum markers for Trisomy 21	Trisomy 21 - second-trimester maternal serum markers - 2 parameters
Serum markers for Trisomy 21	Trisomy 21 - second-trimester maternal serum markers - 3 parameters
Serum proteins - immunofixation	Immunobinding - serum
Serum proteins - immunofixation	Protein electrophoresis and Immunobinding - serum
Serum screening for Trisomy 21 risk	Trisomy 21 - 1st trimester combined screening
Serum screening for Trisomy 21 risk	Trisomy 21 - second-trimester maternal serum markers - 2 parameters
Serum screening for Trisomy 21 risk	Trisomy 21 - second-trimester maternal serum markers - 3 parameters
SETD2	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
SETD2	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
Sex Hormone-Binding Globulin	Sex-Binding Globulin - SHBG
Sex-Binding Globulin	Sex-Binding Globulin - SHBG
Sex-Binding Globulin - SHBG	
Sézary - cells	Sézary cells - screening - smear
Sézary cells - screening - smear	
sFlt-1	Pre-eclampsia sFlt-1 et PlGF - Predictive test - sFlt-1/PlGF ratio - serum
Shiga-like toxin-producing E. coli (STEC) stx1/stx2	Gastrointestinal Panel - direct diagnosis - PCR - Stools
Shigella/Enteroinvasive E. coli (EIEC)	Gastrointestinal Panel - direct diagnosis - PCR - Stools
Shingles - immunity test - IgG antibodies	Varicella zoster virus - IgG serology - serum
Short QT syndrome	Cardiogenetic panel or exome
Si	Silicon - Plasma
Sialic acid free - urines	
Sialic acid-deficient transferrin	Carbohydrate-deficient transferrin - serum
Sickle cell disease	Haemoglobin - electrophoresis - whole blood
Sickle cell disease	
sickle cells	Erythrocytes morphological aspect
Sickness disease	Leptospirosis - IgM serology - serum
Siderophilin	Transferrin - serum
sIgA	IgA - Immunoglobulin A secretory - Stool
Silicon - Plasma	
Simponi®	Golimumab - serum
Sin	Hantavirus - IgG/IgM serology - serum
Sirolimus	
Skeletal muscle	Anti-striated muscle antibodies - serum
Skin	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
Skin	Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R,

Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R, MITF,	
SLA/LP - anti-antibodies	Anti-SLA antibodies - Soluble Liver Antigen - serum
SLC25A11	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
SLC25A11	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
SLC34A2	RNA NGS Panel solid tumors, Pan-organ : 65 genes
SLCO1B1	Pharmacogenetic option on exome already sequenced at Eurofins Biomnis
SLCO1B1	Pharmacogenetic Passport - PharmacoPass Expert
Sleeping sickness - serology	Trypanosoma gambiense - serology - CSF
Sleeping sickness - serology	Trypanosoma gambiense - serology - serum
SLO syndrome	7-Dehydrocholesterol
SMAD4	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
SMAD4	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM,
SMARCB1	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
SMARCB1	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
SMC	IGF-1 - Somatomedin C - Serum
Smith-Lemli-Opitz - syndrome	7-Dehydrocholesterol
Smith-Lemli-Opitz syndrome	7-Dehydrocholesterol
Smooth muscles - anti-antibodies	Anti-smooth muscle antibodies - screening and titration - serum
SMT	Melatonin - 24-hour urine collection
SMT	Melatonin - Urine
SND1	RNA NGS Panel solid tumors, Pan-organ : 65 genes
snp	Constitutional Molecular Karyotype-SNP ARRAY
SNP	Constitutional Molecular Karyotype-SNP ARRAY
SNP	Constitutional Molecular Karyotype - SNP ARRAY - Product of conception
SNP	Re-evaluation - Constitutional Molecular Karyotyping
SNP -array	Constitutional Molecular Karyotype - SNP ARRAY - Product of conception
SNP array	Constitutional Molecular Karyotype-SNP ARRAY
SNV	Cardiogenetic panel or exome
SNV	exome
SNV	Exome Congenital heart defects
SNV	Exome Isolated or syndromic intellectual disability and syndromic neurodevelopmental
SNV	Exome Panel for chronic and hereditary pancreatitis
SNV	Exome with interpretation interface
SNV	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
SNV	Hantavirus - IgG/IgM serology - serum
SNV	Nephrology exome
SNV	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
SNV	Oncogenetic exome
SNV	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM,
SNV	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A,
SNV	Pancreatic oncogenetic panel Target genes : APC, ATM, BRCA1, BRCA2, CDK4,
SNV	Panel Hereditary breast ovarian cancer and prostate Gènes ciblés: ATM, BRCA1,
SNV	Prenatal exome
SNV	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
SNV	Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R,
SNV, CNV, Indels, variants de structure	Séquencage des gènes BRCA1 et BRCA2
SNVs / Indels: AKT1; ALK; BRAF; BRCA1; BRCA2; EGFR; ERBB2; ESR1; FGFR2; FGFR3;	Circulating tumor DNA NGS Panel - Peripheral blood from Cell Free DNA tube : ambiant
SOD	Superoxide dismutase - SOD
Sodium	Electrolytes stool - Stool
Sodium valproate	Valproic acid - Serum
Soft tissue	RNA NGS Panel for soft tissue tumors : 20 genes
Soft tissue	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Solian®	Amisulpride - Serum
Solid tumor	Circulating tumor DNA NGS Panel - Peripheral blood from Cell Free DNA tube : ambiant
Solid tumor	DNA NGS Panel solid tumor colo-rectal extended : 22 genes
Solid tumor	DNA NGS Panel solid tumor Lung extended
Solid tumor	DNA NGS Panel solid tumor Pan-organ : 64 genes
Solid tumors RNA-seq	RNA NGS Panel solid tumors, Pan-organ : 65 genes

soluble antigen	Candida - Mannane antigen - serum
Soluble antigen - Aspergillus fumigatus	Aspergillosis - soluble antigen - testing - BAL
Soluble antigen - Aspergillus fumigatus	Aspergillosis - soluble antigen - testing - serum
Soluble antigen of Legionella pneumophila	Legionellosis- antigenes LP1 - urines
Soluble bacterial antigens Streptococcus pneumoniae - CSF	
Soluble bacterial antigens Streptococcus pneumoniae - urines	
Soluble complexes - plasma	
Soluble cryptococcal antigen	Cryptococcus neoformans - soluble antigen - testing
Soluble Interleukin-2 receptor	Interleukin (IL)-2 - receptor
Soluble Liver Antigen - anti-antibodies Soluble Liver Antigen - anti-antibodies	Anti-SLA antibodies - Soluble Liver Antigen - serum
Soluble nuclear anti-antigen antibodies	Anti-ENA antibodies (SSA, SSB, Sm, Rnp, Jo1, Scl-70) - screening and titration - Serum
Soluble transferrin receptor	Soluble transferrin receptor - serum
Soluble transferrin receptor - serum	
Somathormone	GH - Growth hormone - Serum
Somatic	Circulating tumor DNA NGS Panel - Peripheral blood from Cell Free DNA tube : ambiant
Somatic	DNA NGS Panel for brain solid tumors
Somatic	DNA NGS Panel for cholangiocarcinoma
Somatic	DNA NGS Panel for pancreatic cancer
Somatic	DNA NGS Panel for prostate cancer
Somatic	DNA NGS Panel for thyroid cancer
Somatic	DNA NGS Panel solid tumor Breast
Somatic	DNA NGS Panel solid tumor Colon
Somatic	DNA NGS Panel solid tumor colo-rectal extended : 22 genes
Somatic	DNA NGS Panel solid tumor Endometrium
Somatic	DNA NGS Panel solid tumor GIST
Somatic	DNA NGS Panel solid tumor Lung
Somatic	DNA NGS Panel solid tumor Lung extended
Somatic	DNA NGS Panel solid tumor Melanoma
Somatic	DNA NGS Panel solid tumor Pan-organ : 64 genes
Somatic	Homologous recombination deficiency (HRD) and somatic mutations of the BRCA1 and
Somatic	RNA NGS panel for brain solid tumors
Somatic	RNA NGS Panel for cholangiocarcinoma
Somatic	RNA NGS Panel for lung cancers
Somatic	RNA NGS Panel for pancreatic cancer
Somatic	RNA NGS Panel for soft tissue tumors : 20 genes
Somatic	RNA NGS Panel for thyroid cancer
Somatic	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Somatocrinin	GHRH - Growth-Hormone-Releasing-Hormone - plasma
Somatomedin C	IGF-1 - Somatomedin C - Serum
Somatostatin - plasma	
Somatotrop Hormone	GH - Growth hormone - Serum
Somatotrophic Hormone	GH - Growth hormone - Serum
Somatotrophin	GH - Growth hormone - Serum
Somatotropin	GH - Growth hormone - Serum
Somatotropin Release Inhibiting Factor	Somatostatin - plasma
SOPK	Steroids panel - Search polycystic ovary syndrome
Sotalex®	Sotalol - serum
Sotalol - serum	
South American trypanosomiasis	Trypanosoma cruzi - serology
South American trypanosomiasis - confirmation	Trypanosoma cruzi - confirmation - serum
Spanor®	Doxycycline - Serum
Specific fibrin degradation product	D-Dimers - plasma
Specific IgE : food allergen testing - Trophatop® adult - fx5/fx24/fx25	
Specific IgE : food allergen testing - Trophatop® children - fx26/fx27/fx28	
Specific IgE : food allergens - allergen mix - serum	
Specific IgE : hymenoptera venom - single allergen	
Specific IgE : inhalant allergen testing - Phadiatop®	
Specific IgE : inhalant allergens - allergen mix	

Specific IgE : latex - single allergen	
Specific IgE : Phadia - food allergens - single allergen	
Specific IgE : Phadia - inhalant allergens - single allergen	
Specific IgE - inhalant - single allergen	Specific IgE inhalant allergens - single allergen - GSD Gold Standard Diagnostic -
Specific IgE - inhalant - single allergen	Specific IgE : Phadia - inhalant allergens - single allergen
Specific IgE - Respiratory and food allergen screen -Phadiatop® infant	
Specific IgE (CAP-RAST) - inhalant allergens - single allergen	Specific IgE inhalant allergens - single allergen - GSD Gold Standard Diagnostic -
Specific IgE (CAP-RAST) - inhalant allergens - single allergen	Specific IgE : Phadia - inhalant allergens - single allergen
Specific IgE inhalant allergens - single allergen - GSD Gold Standard Diagnostic - serum,	
Specific IgE medicines - single allergen - GSD Gold Standard Diagnostic - serum, plasma	
Specific IgE medicines - single allergen-Phadia	
Specific IgE (RAST) - single allergen	Specific IgE inhalant allergens - single allergen - GSD Gold Standard Diagnostic -
Specific IgE (RAST) - single allergen	Specific IgE : Phadia - inhalant allergens - single allergen
Specific IgEs - CLA30 - food allergens	IgE against multiple individual allergens - food allergens - Serum
Specific IgEs - CLA30 - inhalant allergens	IgE against multiple individual allergens - inhalant allergens - Serum
Specific IgEs - CLA30 - mixed allergens	IgE against multiple individual allergens - Food and Inhalant panels - Serum
Specific IgEs - food - single allergen	Specific IgE : Phadia - food allergens - single allergen
Specific IgEs - food mixes	Specific IgE : food allergens - allergen mix - serum
Specific IgEs - inhalant mixes	Specific IgE : inhalant allergens - allergen mix
Specific IgEs (CAP-RAST) - food allergen combination	Specific IgE : food allergens - allergen mix - serum
Specific IgEs (CAP-RAST) - food allergens - single allergen	Specific IgE : Phadia - food allergens - single allergen
Specific IgEs (CAP-RAST) - hymenoptera venom	Specific IgE : hymenoptera venom - single allergen
Specific IgEs (CAP-RAST) - inhalant allergen mix	Specific IgE : inhalant allergens - allergen mix
Specific IgEs: inhalant mixes	Specific IgE : inhalant allergen testing - Phadiatop®
Specific IgEs (RAST) - food allergens - allergen mix	Specific IgE : food allergens - allergen mix - serum
Specific IgEs (RAST) - food allergens - single allergen	Specific IgE : Phadia - food allergens - single allergen
Specific IgEs (RAST) - hymenoptera venom	Specific IgE : hymenoptera venom - single allergen
Specific IgEs (RAST) - inhalant allergen mix	Specific IgE : inhalant allergens - allergen mix
SPECIFIC IgG - serum	
SPECIFIC IgG4 - serum	
Sperm - anti-antibodies	Anti-sperm antibodies - indirect screening
Sperm Chromatin Structure Assay	DNA fragmentation test - DNA decondensation - SCSA - Sperm
spherocytes	Erythrocytes morphological aspect
Spingolipid	Anti-glycolipid antibodies - serum
SPINK1	Exome Panel for chronic and hereditary pancreatitis
Sporanox®	Itraconazole and hydroxylated metabolite - Serum
Squamous Cell Carcinoma	SCC-TA4 antigen - aspiration biopsy
Squamous Cell Carcinoma	SCC-TA4 antigen - serum
SRIF	Somatostatin - plasma
SRP - anti-antibodies	Myosite Markers - serum
SRV A/B	Paediatric respiratory viruses (RSV / Metapneumovirus / Rhinovirus) - direct diagnosis -
SS18	RNA NGS Panel for soft tissue tumors : 20 genes
SS18	RNA NGS Panel solid tumors, Pan-organ : 65 genes
SSA	Anti-ENA antibodies (SSA, SSB, Sm, Rnp, Jo1, Scl-70) - screening and titration - Serum
SSX1	RNA NGS Panel for soft tissue tumors : 20 genes
SSX1	RNA NGS Panel solid tumors, Pan-organ : 65 genes
SSX2	RNA NGS Panel for soft tissue tumors : 20 genes
SSX2	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Stablon®	Tianeptine
Stallertest	Specific IgE : inhalant allergen testing - Phadiatop®
STAT6	RNA NGS Panel for soft tissue tumors : 20 genes
STAT6	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Steatorrhoea - fat dosage - stool	
SteatoTest	FibroMAX - . - serum
SteatoTest 2®.	NASH-FibroTest - serum
Stelara®	Ustekinumab - serum
Steqeyma	Ustekinumab - serum
Steroid cell antibodies	Anti-adrenal gland antibodies - serum

Steroid profile - urine	
Steroids panel - Examination of gonad function	
Steroids panel - Exploration of hirsutism	
Steroids panel - Search polycystic ovary syndrome	
Steroids panel - Testing for a disorder in steroid biosynthesis	
STH	GH - Growth hormone - Serum
STI search - multiplex gene amplification	
Stiripentol - Serum	
STK11	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
STK11	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM,
STN1	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
STN1	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A,
Stomach	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM,
Stomach - anti-antibodies	Anti-parietal cell antibodies - stomach - serum
Stone analysis	Urinary stone - morphologic and infrared analysis
Stool osmolarity	Electrolytes stool - Stool
streptococcic serology	Streptococcus A - Serology- Ac anti streptolysin O (ASLO) - serum
Streptococcus A - Serology- Ac anti streptolysin O (ASLO) - serum	
Streptococcus A- Serology-Abs to streptodornase B (ASD) - serum	
Streptococcus pneumoniae	Designated bacterium - direct diagnosis - PCR
Streptococcus pneumoniae	Soluble bacterial antigens Streptococcus pneumoniae - CSF
Streptococcus pneumoniae	Soluble bacterial antigens Streptococcus pneumoniae - urines
Streptococcus pneumoniae - capsular polysaccharide - serology - serum	
Streptococcus pneumoniae - serology	Streptococcus pneumoniae - capsular polysaccharide - serology - serum
stretodornase	Streptococcus A- Serology-Abs to streptodornase B (ASD) - serum
Striated muscles - anti-antibodies	Anti-striated muscle antibodies - serum
Stribild	Tenofovir - plasma
Strongyloidiasis - serology	Strongyloidiasis - serology - serum
Strongyloidiasis - serology - serum	
Stuart - factor	Factor X - Stuart-Prower - plasma
Stuart factor	Factor X - Stuart-Prower - plasma
Subutex	Buprenorphine - Serum
Subutex®	Buprenorphine and metabolites - urine
Succinyl AICAR	Adenylosuccinase - deficiency syndrome screening - urine
Sudden cardiac death	Cardiogenetic panel or exome
Sudden death	Cardiogenetic panel or exome
SUFU	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
SUFU	Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R,
Sugars - screening - Stool	
Sulfatides - urine	
Sulfatoxymelatonin	Melatonin - 24-hour urine collection
Sulfatoxymelatonin	Melatonin - Urine
Sulphonylureas - serum	
Superficial pemphigus	Anti-epidermal basement membrane and intracellular substance antibodies - serum
Superficial pemphigus	Detection and quantification of antibodies anti-BP180, anti-BP230, anti-Dsg1 et anti-
Superoxide dismutase - SOD	
Susceptibility testing - MIC	Helicobacter pylori - culture
Syndrome Upshaw-Schulman	Factor Willebrand protease activity - ADAMTS 13
Syphilis	Genital ulcérations panel - direct diagnosis - PCR
Syphilis	Syphilis - titration - CSF
Syphilis	Treponema pallidum - Detection via PCR
Syphilis - IgG confirmation serology - serum	
Syphilis - IgM confirmation serology - serum	
Syphilis - IgM serology - serum	
Syphilis - titration - CSF	
Syphilis - Treponemique test - screening serology - serum	
Syphilis - VDRL or quantitative RPR	
T lymphocytes	Immunophenotyping: Lymphocytes CD3-CD4-CD8 - EDTA whole blood

T21 - serum markers	Trisomy 21 - 1st trimester combined screening
T21 - serum markers	Trisomy 21 - second-trimester maternal serum markers - 2 parameters
T21 - serum markers	Trisomy 21 - second-trimester maternal serum markers - 3 parameters
T21 MSM	Trisomy 21 - 1st trimester combined screening
T21 MSM	Trisomy 21 - second-trimester maternal serum markers - 2 parameters
T21 MSM	Trisomy 21 - second-trimester maternal serum markers - 3 parameters
t-PA	Tissue plasminogen activator - tPA - antigen - plasma
T3, T4, T8	Immunophenotyping: Lymphocytes CD3-CD4-CD8 - EDTA whole blood
T3 - anti-antibodies	Anti-T3 antibodies - triiodothyronine - serum
T3 - Triiodothyronine - urine	
T4 - anti-antibodies	Anti-T4 antibodies - thyroxine - serum
T4 - Thyroxine - urine	
TA 4	SCC-TA4 antigen - aspiration biopsy
TA 4	SCC-TA4 antigen - serum
TA4 antigen	SCC-TA4 antigen - aspiration biopsy
TA4 antigen	SCC-TA4 antigen - serum
TACC1	RNA NGS Panel solid tumors, Pan-organ : 65 genes
TACC3	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Tacrolimus	Tacrolimus - FK-506
Tacrolimus - FK-506	
Taenia	Cysticercosis - Taenia Solium - IgG serology - serum
Taenia solium	Cysticercosis - confirmation serology
Taenia Solium	Cysticercosis - Taenia Solium - IgG serology - serum
TAG-72	CA 72-4 antigen - aspiration biopsy
TAG-72	CA 72-4 antigen - serum
TAG-72 antigen	CA 72-4 antigen - aspiration biopsy
TAG-72 antigen	CA 72-4 antigen - serum
Takrozem	Tacrolimus - FK-506
Taloxa®	Felbamate - Serum
Targeted RNA sequencing	
Targeted Sequencing - Postnatal	
Targeted Sequencing - Prenatal	
Targeted therapy	Circulating tumor DNA NGS Panel - Peripheral blood from Cell Free DNA tube : ambiant
Targeted therapy	DNA NGS Panel for brain solid tumors
Targeted therapy	DNA NGS Panel for cholangiocarcinoma
Targeted therapy	DNA NGS Panel for pancreatic cancer
Targeted therapy	DNA NGS Panel for prostate cancer
Targeted therapy	DNA NGS Panel for thyroid cancer
Targeted therapy	DNA NGS Panel solid tumor Breast
Targeted therapy	DNA NGS Panel solid tumor Colon
Targeted therapy	DNA NGS Panel solid tumor colo-rectal extended : 22 genes
Targeted therapy	DNA NGS Panel solid tumor Endometrium
Targeted therapy	DNA NGS Panel solid tumor GIST
Targeted therapy	DNA NGS Panel solid tumor Lung
Targeted therapy	DNA NGS Panel solid tumor Lung extended
Targeted therapy	DNA NGS Panel solid tumor Melanoma
Targeted therapy	DNA NGS Panel solid tumor Pan-organ : 64 genes
Targeted therapy	Homologous recombination deficiency (HRD) and somatic mutations of the BRCA1 and
Targeted therapy	RNA NGS panel for brain solid tumors
Targeted therapy	RNA NGS Panel for cholangiocarcinoma
Targeted therapy	RNA NGS Panel for lung cancers
Targeted therapy	RNA NGS Panel for pancreatic cancer
Targeted therapy	RNA NGS Panel for soft tissue tumors : 20 genes
Targeted therapy	RNA NGS Panel for thyroid cancer
Targeted therapy	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Targocid®	Teicoplanine par immunoturbidimétrie (Thermo Scientific) - Serum
TAU - PTAU - Amyloid proteins - LCR	
Tavanic®	Levofloxacin - Serum

Tazocilline®	Piperacillin - Serum
TBE virus - serology	Tick-borne encephalitis - TBE - IgG/IgM serology - serum
TBG	Thyroxine-binding globulin - TBG - serum
TBII	Anti-TSH receptor antibodies
TCE + TCA	Trichloroacetic acid + Trichloroethanol - TCE + TCA - urine
TCK	Activated Partial Thromboplastin Time - aPTT - plasma
TCT	Calcitonin - aspiration biopsy
TCT	Calcitonin - Serum
TDA	Erythrocyte direct Coombs
TeBG	Sex-Binding Globulin - SHBG
Tegretol®	Carbamazepine - Serum
Teicoplanine par immunoturbidimétrie (Thermo Scientific) - Serum	
Temgesic®	Buprenorphine and metabolites - urine
Temgesic®	Buprenorphine - Serum
Tenofovir - plasma	
Teralithe	Lithium - Serum
Tercian®	Cyamemazine - Serum
TERF2IP	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
TERF2IP	Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R,
TERT	DNA NGS Panel for thyroid cancer
TERT	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
TERT	RNA NGS panel for brain solid tumors
TERT	RNA NGS Panel solid tumors, Pan-organ : 65 genes
TERT	Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R,
TERT promoter	DNA NGS Panel for brain solid tumors
Test d'Itano	Haemoglobin - electrophoresis - whole blood
Testicular - anti-antibodies	Anti-testicular antibodies - serum
Testing for steatorrhoea	Steatorrhoea - fat dosage - stool
Testosterone	
Testosterone - man	
Testosterone - woman/child - serum	
Testosterone Bioavailable - Man - serum	
Testosterone Bioavailable - woman/ child - serum	
Testosterone free - Serum	
Testosterone oestradiol-binding globulin	Sex-Binding Globulin - SHBG
Testosterone transport protein	Sex-Binding Globulin - SHBG
Testosterone-Binding Globulin	Sex-Binding Globulin - SHBG
Tetanic	Tetanus - immunity test - IgG serology - serum
Tetanus	Tetanus - immunity test - IgG serology - serum
Tetanus - immunity test - IgG serology - serum	
Tetra Hydro aldosteron	Aldosterone - urine
Tetrachloroethylene - EDTA whole blood or Heparin	
Tetrachloroethylene - urine	
Tetrahydrocannabinol	Cannabis
Tétrahydrocannabinol	Cannabinoïdes - dosage - plasma
Tetraiodothyronine	T4 - Thyroxine - urine
Tétralogie de Fallot	Exome Congenital heart defects
TFA	tfrifluoroacetic acid TFA
tfrifluoroacetic acid TFA	
Tg	Thyroglobulin
TH50a	50% haemolysis time - alternative pathway complement - serum
Thalassemia	Haemoglobin - electrophoresis - whole blood
Thalassemia	
THC	Cannabinoïdes - dosage - plasma
THC-COOH	Cannabinoïdes - dosage - plasma
THC-COOH	Cannabinoïdes - dosage - urines
Theophylline - Serum	
Theranostique	Séquencage des gènes BRCA1 et BRCA2

Thermal soluble protein	Bence Jones - screening
Thiamin	Vitamin B1 - Thiamin
Thienopyridine - resistance test	VASP - VAsodilatator Stimulated Phosphoprotein - whole blood
Thiocyanates - ion - Serum	
Thiocyanates - ion - urine	
Thiopurine S-méthyltransférase phenotyping	TPMT Activity or Thiopurine S-Methyltransferase Phenotyping - activity
Third-generation cephalosporin-resistant Enterobacteriaceae	Antibiotic multi-resistant bacteria (MRB) - screening
Thrombin clotting time - plasma	
Thrombocystin	Serotonin - whole blood
Thrombospondine 7A	anti THSD7A antibodies
Thrombotonin	Serotonin - whole blood
thrush	Candida - Mannane antigen - serum
Thyro Check	Juvenalis - Panel - ThyroCheck+
Thyrocalcitonin	Calcitonin - aspiration biopsy
Thyrocalcitonin	Calcitonin - Serum
Thyroglobulin	
Thyroglobulin - anti-antibodies	Anti-thyroglobulin antibodies
thyroid biomarkers	DNA NGS Panel for thyroid cancer
Thyroid cancer	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Thyroid microsomal - anti-antibodies	Anti-thyroid peroxidase antibodies
Thyroid NGS panel - Thyroid cancer	DNA NGS Panel for thyroid cancer
Thyroid NGS panel - Thyroid cancer	RNA NGS Panel for thyroid cancer
Thyroid peroxidase - anti-antibodies	Anti-thyroid peroxidase antibodies
thyroid RNA-seq	RNA NGS Panel for thyroid cancer
Thyroid-stimulating hormone - third generation	TSH - Thyroid-stimulating hormone - Third generation - serum
Thyroid-stimulating hormone - Third generation	TSH - Thyroid-stimulating hormone - Third generation - serum
Thyrotropin - ultrasensitive - third generation	TSH - Thyroid-stimulating hormone - Third generation - serum
Thyrotropin-releasing hormone - ultrasensitive third generation	TSH - Thyroid-stimulating hormone - Third generation - serum
Thyroxine	T4 - Thyroxine - urine
Thyroxine - anti-antibodies	Anti-T4 antibodies - thyroxine - serum
Thyroxine-binding globulin - TBG - serum	
Ti	Titanium
Tianeptine	
TIBC	Iron - total binding capacity - serum
Tick	Bartonellosis - B. henselae - B. quintana - IgG serology - serum
Tick	Coxiella burnetii (Q fever) - IgG and IgM serology, Phases I and II - serum
Tick	Coxiella burnetii (Q fever) - Screening serology Total Ac Phase II - serum
Tick	Human babesiosis - serology - serum
Tick	Human ehrlichiosis - IgG/IgM serology - serum
Tick	Tick-borne encephalitis - TBE - IgG/IgM serology - serum
Tick	Tularemia - Francisella tularensis - serology total antibodies - serum
Tick bite	Bartonellosis - B. henselae - B. quintana - IgG serology - serum
Tick bite	Coxiella burnetii (Q fever) - IgG and IgM serology, Phases I and II - serum
Tick bite	Coxiella burnetii (Q fever) - Screening serology Total Ac Phase II - serum
Tick bite	Human babesiosis - serology - serum
Tick bite	Human ehrlichiosis - IgG/IgM serology - serum
Tick bite	Tick-borne encephalitis - TBE - IgG/IgM serology - serum
Tick bite	Tularemia - Francisella tularensis - serology total antibodies - serum
Tick Born Encephalitis	Tick-borne encephalitis - TBE - IgG/IgM serology - serum
Tick-born encephalitis (TBE)	Tick-borne encephalitis - TBE - IgG/IgM serology - serum
Tick-borne disease	Bartonellosis - B. henselae - B. quintana - IgG serology - serum
Tick-borne disease	Coxiella burnetii (Q fever) - IgG and IgM serology, Phases I and II - serum
Tick-borne disease	Coxiella burnetii (Q fever) - Screening serology Total Ac Phase II - serum
Tick-borne disease	Human babesiosis - serology - serum
Tick-borne disease	Human ehrlichiosis - IgG/IgM serology - serum
Tick-borne disease	Tick-borne encephalitis - TBE - IgG/IgM serology - serum
Tick-borne disease	Tularemia - Francisella tularensis - serology total antibodies - serum
Tick-borne encephalitis - TBE - IgG/IgM serology - serum	

TIF	Myosite Markers - serum
TIF 1	Myosite Markers - serum
Timothy syndrome (TS)	Cardiogenetic panel or exome
Tissue plasminogen activator - tPA - antigen - plasma	
Tissue Polypeptide Antigen	TPA - Tissue Polypeptide Antigen
Titanium	
Titin - anti-antibodies	Anti-titin antibodies - serum
TIVICAY	Dolutegravir - Serum
TKI	DNA NGS Panel for cholangiocarcinoma
TKI	DNA NGS Panel for pancreatic cancer
TKI	DNA NGS Panel for prostate cancer
TKI	DNA NGS Panel for thyroid cancer
TKI	DNA NGS Panel solid tumor Breast
TKI	DNA NGS Panel solid tumor Lung
TKI	DNA NGS Panel solid tumor Lung extended
TKI	RNA NGS Panel for cholangiocarcinoma
TKI	RNA NGS Panel for lung cancers
TKI	RNA NGS Panel for pancreatic cancer
TKI	RNA NGS Panel for thyroid cancer
TKI	RNA NGS Panel solid tumors, Pan-organ : 65 genes
TKI - ITK	DNA NGS Panel solid tumor Melanoma
TMAM127	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
TMC114	Darunavir - Serum
TMEM127	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
TMEM127	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
TMPRSS2	RNA NGS Panel solid tumors, Pan-organ : 65 genes
TNF	Adalimumab
TNF	Infliximab
TNF-alpha - Tumour Necrosis Factor	
[To be translated]	ABO system immune antibodies - anti-A anti-B - screening and titration
[To be translated]	Alpha-1 Antitrypsin - PI phenotype
[To be translated]	Alpha-2 Antiplasmin - activity - plasma
[To be translated]	Anti-acetylcholine receptor antibodies - serum
[To be translated]	Anti-beta 2 glycoprotein 1 antibodies - B2GP1 - IgG - Serum
[To be translated]	Anti-beta 2 glycoprotein 1 antibodies - B2GP1 - IgM - Serum
[To be translated]	Anti-glomerular basement membrane antibody - Serum
[To be translated]	Anti-PR3 antibodies - proteinase 3 - Serum
[To be translated]	Class I HLA - HLA-A and HLA-B genotyping - EDTA whole blood
[To be translated]	Cryoglobulins - identification - serum
[To be translated]	Dabigatran - Measurement of the Dabigatran anti Iia activity - plasma
[To be translated]	Extended phenotype
[To be translated]	Factor I - Fibrinogen - activity - plasma
[To be translated]	Genome by long-read sequencing (Nanopore) - EDTA whole blood
[To be translated]	Genotyping of dihydropyrimidine dehydrogenase
[To be translated]	Gilbert Syndrome - Screening for UGT1A1*28 (rs8175347) polymorphism
[To be translated]	Glutathione peroxidase - plasma
[To be translated]	Heparin induced thrombocytopenia - functional test
[To be translated]	hereditary spherocytosis - screening (eosin-5'-maleimide (EMA) staining)
[To be translated]	Immunophenotyping of malignant hemopaties
[To be translated]	Methylmalonic acid - urines
[To be translated]	Myelogram - Perls staining
[To be translated]	Platelet typing - EDTA whole blood
[To be translated]	Rheumatoid factors - serum
[To be translated]	Rickettsioses - R. conorii, R. typhi - serology - serum
[To be translated]	Sulfatides - urine
[To be translated]	Syphilis - IgG confirmation serology - serum
[To be translated]	Syphilis - IgM confirmation serology - serum
[To be translated]	Targeted Sequencing - Postnatal

[To be translated]	Targeted Sequencing - Prenatal
[To be translated]	TPMT Genotyping or testing for major polymorphisms in the TPMT gene: Alleles
[To be translated]	
Tobacco test	Cotinine - Urine (urination)
Tobi®	Tobramycin - Serum
Tobradax®	Tobramycin - Serum
Tobramycin - Serum	
Tobrex®	Tobramycin - Serum
Tocilizumab - serum	
Tocopherol	Vitamin E - Tocopherol - Plasma
Tolbutamide	Sulphonylureas - serum
Tolexine®	Doxycycline - Serum
Toluene - EDTA whole blood or Heparin	
Toluene - urine	
Topalgic®	Tramadol - Serum
Topiramate - serum	
Total anti-HBc antibodies	Hepatitis B - total anti-HBc antibodies - serum
Total anti-HBe antibodies	Hepatitis B - anti-HBe antibodies - serum
Total anti-HBs antibodies - titration	Hepatitis B - anti-HBs antibodies - titration - serum
Total anti-HDV antibodies	Hepatitis Delta (VHD) ¿ Serological screening for total antibodies - serum
Total antibodies - HAV	Hepatitis A - IgG immunity screening - serum
total antibodies IgG + IgM	Strongyloidiasis - serology - serum
Total B lymphocytes	Immunophenotyping: Lymphocytes B - CD19 - EDTA whole blood
Total Bile acids	Bile acids - serum
Total CK	CPK - Creatine phosphokinase total - serum
Total creatine phosphokinase	CPK - Creatine phosphokinase total - serum
Total haemolytic complement	CH50 - Total haemolytic complement
Total HCG (HCG dimer + beta fraction) - serum	
Total human chorionic gonadotropin - bound and unbound fractions	Total HCG (HCG dimer + beta fraction) - serum
Total human chorionic gonadotropin - bound and unbound fractions - liquid	hcG dimeric molecule (alpha + beta) - biological fluid
Total IgE - serum	
Total iron-binding capacity	Iron - total binding capacity - serum
total perfluorooctanesulfonic acid (PFOS)	Per- and polyfluoroalkyl compounds - 7 compounds panel - Serum
Total prostate-specific antigen	PSA - Prostate-specific antigen total - Aspiration biopsy
Total prostate-specific antigen	PSA - Prostate-specific antigen total - serum
Total protein S - antigen - plasma	
Total protein S antigen	Total protein S - antigen - plasma
Total protein S Antigen	Total protein S - antigen - plasma
Total PS Ag	Total protein S - antigen - plasma
Total T3 - Total triiodothyronine - serum	
Total T4 - Total thyroxine - serum	
total testosterone	
Total testosterone	Testosterone - man
Total testosterone	Testosterone - woman/child - serum
Total tetraiodothyronine	Total T4 - Total thyroxine - serum
Total thyroxine	Total T4 - Total thyroxine - serum
Total triiodothyronine	Total T3 - Total triiodothyronine - serum
toxicitY irinotecan ou Campto - UGT1A1	UGT1A1 : screening for UGT1A1*28(rs8175347) polymorphism - Involved in irinotecan
toxin	Clostridium difficile - Glutamate dehydrogenase (GDH) screening (+toxins)-stool
Toxocara canis	Toxocariasis - confirmation serology - serum
Toxocara canis	Toxocariasis - serology - serum
Toxocariasis - confirmation serology - serum	
Toxocariasis - serology - serum	
Toxoplasmosis - antibody avidity - IgG - serum	
Toxoplasmosis - IgG/IgM serology - serum	
TP53	DNA NGS Panel for brain solid tumors
TP53	DNA NGS Panel for cholangiocarcinoma
TP53	DNA NGS Panel for prostate cancer

TP53	DNA NGS Panel for thyroid cancer
TP53	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
TP53	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
TP53	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A,
TP53	Pancreatic oncogenetic panel Target genes : APC, ATM, BRCA1, BRCA2, CDK4,
TP53	Panel Hereditary breast ovarian cancer and prostate Gènes ciblés: ATM, BRCA1,
TPA	TPA - Tissue Polypeptide Antigen
TPA - Tissue Polypeptide Antigen	
TPHA EIA	Syphilis - Treponemique test - screening serology - serum
TPHA ELISA	Syphilis - Treponemique test - screening serology - serum
TPM3	RNA NGS Panel solid tumors, Pan-organ : 65 genes
TPMT	Pharmacogenetic option on exome already sequenced at Eurofins Biomnis
TPMT	Pharmacogenetic Passport - PharmacoPass Expert
TPMT	TPMT Activity or Thiopurine S-Methyltransferase Phenotyping - activity
TPMT	TPMT Genotyping or testing for major polymorphisms in the TPMT gene: Alleles
TPMT Activity or Thiopurine S-Methyltransferase Phenotyping - activity	
TPMT Genotyping or testing for major polymorphisms in the TPMT gene: Alleles TPMT*2,	
TPO - anti-antibodies	Anti-thyroid peroxidase antibodies
TPR	RNA NGS Panel solid tumors, Pan-organ : 65 genes
TRAB	Anti-TSH receptor antibodies
TRAK	Anti-TSH receptor antibodies
Tramadol - Serum	
Trans,trans-muconic acid	Trans-muconic acid - ttMA - urine
Trans-Chlordane	Pesticides - screening and/or dosage - urine
Trans-muconic acid - ttMA - urine	
Transcortin	CBG - Cortisol-Binding Globulin - Transcortin - serum
transcript study.	Targeted RNA sequencing
Transferrin - serum	
Transferrin saturation percentage	Iron - saturation percentage - serum
Transposition of the Large Vessels	Exome Congenital heart defects
Transthyretin	Prealbumin - serum
Tranxene®	Clorazepate - Serum
trench fever	Bartonellosis - B. henselae - B. quintana - IgG serology - serum
Treponema	Syphilis - IgG confirmation serology - serum
Treponema	Syphilis - IgM confirmation serology - serum
Treponema	Syphilis - IgM serology - serum
Treponema	Syphilis - titration - CSF
Treponema	Syphilis - Treponemique test - screening serology - serum
Treponema pallidum	Genital ulcérations panel - direct diagnosis - PCR
Treponema pallidum	Syphilis - Treponemique test - screening serology - serum
Treponema pallidum - Detection via PCR	
treponemal test CSF	Syphilis - titration - CSF
treponematosis	Syphilis - IgG confirmation serology - serum
treponematosis	Syphilis - IgM confirmation serology - serum
treponematosis	Syphilis - IgM serology - serum
treponematosis	Syphilis - titration - CSF
treponematosis	Syphilis - Treponemique test - screening serology - serum
TRF	Transferrin - serum
Triazolam - serum	
Trichinosis	Trichinosis - confirmation serology - serum
Trichinosis	Trichinosis - IgG serology - serum
Trichinosis - confirmation serology - serum	
Trichinosis - IgG serology - serum	
Trichloracetate	Trichloroacetic acid + Trichloroethanol - TCE + TCA - urine
Trichloroacetic acid + Trichloroethanol - TCE + TCA - urine	
Trichloroethanol	Trichloroacetic acid + Trichloroethanol - TCE + TCA - urine
Trichomonas vaginalis	Chlamydia trachomatis, Neisseria gonorrhoeae and Trichomonas vaginalis - multiplex
Trichomonas vaginalis	Chlamydia trachomatis, Neisseria gonorrhoeae, Mycoplasma genitalium and

Trichomonas vaginalis	IST PMA Expert ¿ Multiplex PCR detection ¿ Urogenital mycoplasma, C. trachomatis, N.
Trichomonas vaginalis	Trichomonas vaginalis - Search by gene amplification
Trichomonas vaginalis - Search by gene amplification	
Tricyclic antidepressants	Antidepressants - screening - identification - dosage - urine
Tricyclic antidepressants	Antidepressants screening- identification - without dosage
Triflucan®	Fluconazole - Serum
Triiodothyronine - anti-antibodies	Anti-T3 antibodies - triiodothyronine - serum
Trileptal®	10-Hydroxy-carbazepine - serum
TRIM21	Anti-ENA antibodies (SSA, SSB, Sm, Rnp, Jo1, Scl-70) - screening and titration - Serum
TRIM24	RNA NGS Panel solid tumors, Pan-organ : 65 genes
TRIM33	RNA NGS Panel solid tumors, Pan-organ : 65 genes
TRIO	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Triplex testing for Chlamydia trachomatis and neisseria gonorrhoeae and mycoplasma	STI search - multiplex gene amplification
Trisomy 21 - 1st trimester combined screening	
Trisomy 21 - second-trimester maternal serum markers - 2 parameters	
Trisomy 21 - second-trimester maternal serum markers - 3 parameters	
Triumeq®	Abacavir - plasma
Triumeq®	Lamivudine - plasma
Trizivir®	Abacavir - plasma
tRNA synthetases - anti-antibodies	Myosite Markers - serum
Tropatepine®	Lepticur - Serum
Trophatop adult - fx5/fx24/fx25	Specific IgE : food allergen testing - Trophatop® adult - fx5/fx24/fx25
Trophatop child	Specific IgE : food allergen testing - Trophatop® children - fx26/fx27/fx28
Tropheryma whipplei - direct diagnosis - PCR	
TRP	Phosphorus - tubular reabsorption rate
Truvada® (emtricitabine + tenofovir)	Emtricitabine - plasma
Truvada® (emtricitabine + tenofovir)	Tenofovir - plasma
Truxima®	Rituximab - serum
Trypanosoma	Trypanosoma cruzi - serology
Trypanosoma	Trypanosoma gambiense - serology - CSF
Trypanosoma	Trypanosoma gambiense - serology - serum
Trypanosoma cruzi - confirmation - serum	
Trypanosoma cruzi - serology	
Trypanosoma gambiense - serology - CSF	
Trypanosoma gambiense - serology - serum	
Trypanosomiasis - serology	Trypanosoma cruzi - serology
Trypanosomiasis - serology	Trypanosoma gambiense - serology - CSF
Trypanosomiasis - serology	Trypanosoma gambiense - serology - serum
TSC1	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
TSC1	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
TSC1	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
TSC2	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
TSC2	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
TSC2	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
TSH - Thyroid-stimulating hormone	
TSH - Thyroid-stimulating hormone - Third generation - serum	
TSH receptor - anti-antibodies	Anti-TSH receptor antibodies
TSI	Anti-TSH receptor antibodies
TSI : THYROIDE STIMULATIN IMMUNOGLOBULIN	Anti-TSH receptor antibodies
TT	Thrombin clotting time - plasma
tt-MA	Trans-muconic acid - ttMA - urine
TTG - IgA - anti-antibodies	Human tissue transglutaminase antibody - IgA - serum
tTG - IgG - anti-antibodies	Human tissue transglutaminase antibody - IgG - serum
TTN	Cardiogenetic panel or exome
TTR	Amylose héréditaire à transthyrétine - Etude moléculaire du gène TTR par séquençage
TTR	Prealbumin - serum
Tuberculosis - culture	Mycobacteria - culture
Tuberculosis - direct exam	Mycobacteria - direct examination

Tuberculosis - identification	Mycobactéria - identification
Tuberculosis - susceptibility testing	Mycobacteria - susceptibility testing
Tubular reabsorption rate of phosphorus	Phosphorus - tubular reabsorption rate
Tularemia - Francisella tularensis - serology total antibodies - serum	
Tumeur	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
Tumeur	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
Tumor	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
Tumor	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM,
Tumor	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A,
Tumor	Pancreatic oncogenetic panel Target genes : APC, ATM, BRCA1, BRCA2, CDK4,
Tumor	Panel Hereditary breast ovarian cancer and prostate Gènes ciblés: ATM, BRCA1,
Tumor	Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R,
Tumor Necrosis Factor	TNF-alpha - Tumour Necrosis Factor
TWAR	Chlamydia pneumoniae - IgG/IgM serology - serum
Type II collagen - anti-antibodies	Anti-type II collagen antibodies - serum
Type III procollagen - serum	
Typhoid fever - serology	Salmonellosis - serology - serum
Typing of the Lymphoproliferative Disorders	Immunophenotyping of malignant hemopaties
tyrosine kinase ABL mutation	
Tyrosine kinase inhibitor	DNA NGS Panel for cholangiocarcinoma
Tyrosine kinase inhibitor	DNA NGS Panel for pancreatic cancer
Tyrosine kinase inhibitor	DNA NGS Panel for prostate cancer
Tyrosine kinase inhibitor	DNA NGS Panel for thyroid cancer
Tyrosine kinase inhibitor	DNA NGS Panel solid tumor Breast
Tyrosine kinase inhibitor	DNA NGS Panel solid tumor GIST
Tyrosine kinase inhibitor	DNA NGS Panel solid tumor Lung
Tyrosine kinase inhibitor	DNA NGS Panel solid tumor Lung extended
Tyrosine kinase inhibitor	DNA NGS Panel solid tumor Melanoma
Tyrosine kinase inhibitor	RNA NGS Panel for cholangiocarcinoma
Tyrosine kinase inhibitor	RNA NGS Panel for lung cancers
Tyrosine kinase inhibitor	RNA NGS Panel for pancreatic cancer
Tyrosine kinase inhibitor	RNA NGS Panel for soft tissue tumors : 20 genes
Tyrosine kinase inhibitor	RNA NGS Panel for thyroid cancer
Tyrosine phosphatase - anti-antibodies	Anti-tyrosine phosphatase antibodies - IA-2 - serum
Tysabri®	Anti-Natalizumab antibodies - serum
Ubiquinone	Coenzyme Q10 - CoQ10 - Serum
UGT1A1	Pharmacogenetic option on exome already sequenced at Eurofins Biomnis
UGT1A1	Pharmacogenetic Passport - PharmacoPass Expert
UGT1A1 : screening for UGT1A1*28(rs8175347) polymorphism - Involved in irinotecan	
Ultra sensitive thyroglobulin	Thyroglobulin
universal PCR	Detection and identification bacterial DNA - 16S PCR by NGS sequencing
Upshaw-Schulman syndrome	Factor Willebrand protease activity - ADAMTS 13
Uracil level plasma	Uracile - dosage(search a risk of toxicity to fluoropyrimidines)
Uracile - dosage(search a risk of toxicity to fluoropyrimidines)	
Urates	Uric acid - serum
Uraturia	Uric acid
Urbanyl®	Clobazam - Serum
Ureaplasma parvum	IST PMA Expert ¿ Multiplex PCR detection ¿ Urogenital mycoplasma, C. trachomatis, N.
Ureaplasma urealyticum	IST PMA Expert ¿ Multiplex PCR detection ¿ Urogenital mycoplasma, C. trachomatis, N.
Ureaplasma urealyticum	urogenital (ureaplasma urealyticum) mycoplasma (mycoplasma hominis) - serology -
Uric acid	
Uric acid - serum	
Uricacidemia	Uric acid - serum
Uricosuria	Uric acid
Urinary calculi	Urinary stone - morphologic and infrared analysis
urinary lithiasis	Urinary stone - morphologic and infrared analysis
urinary parasite	Schistosomiasis - direct diagnosis - PCR
Urinary stone - morphologic and infrared analysis	

Urinary urates	Uric acid
Urine proteins immunoelectrophoresis	Bence Jones - screening
urogenital (ureaplasma urealyticum) mycoplasma (mycoplasma hominis) - serology - serum	
Uroporphyrins	Porphyrins - stool
Uroporphyrins	Porphyrins - Urines
Ursodeoxycholic acid	Bile acids - chromatography - serum
Ursodeoxycholic acid	Bile acids - serum
Ustekinumab	Ustekinumab - serum
Ustekinumab - serum	
Uzpruvo	Ustekinumab - serum
V Leiden mutation	Factor V Leiden - p.Arg506Gln mutation
vaccination	Diphtheria - immunity test - IgG serology - serum
vaccination	Haemophilus influenzae B - IgG serology - serum
vaccination	Tetanus - immunity test - IgG serology - serum
Vaginal sampling and self-sampling	HPV test for vaginal sampling or self-sampling
Valaciclovir - Plasma	
Valganciclovir	Ganciclovir - plasma
Valium®	Diazepam + desmethyldiazepam - Serum
Valproic acid - Serum	
Valpromide	Valproic acid - Serum
Vancocin®	Vancomycin - Serum
Vancomycin - Serum	
Vancomycin-resistant enterococci (VRE)	Antibiotic multi-resistant bacteria (MRB) - screening
Vanilmandelic acid - Urine	
Vanilylmandelic acid	Vanilmandelic acid - Urine
Vanylmandelic acid	Vanilmandelic acid - Urine
Varicella zoster	Vesicular eruptions panel - direct diagnosis - PCR
Varicella zoster virus - direct diagnosis - PCR	
Varicella zoster virus - direct diagnosis - PCR - amniotic fluid	
Varicella zoster virus - IgG serology - serum	
Varicella zoster virus - IgM Serology - serum	
varicella-zoster virus	Varicella zoster virus - direct diagnosis - PCR - amniotic fluid
Variole du singe	Monkeypox virus - direct diagnosis - PCR
Vascular Endothelial Growth Factor (VEGF-A) - sérum and plasma EDTA	
Vasoactive intestinal peptide	VIP - Vasoactive Intestinal Polypeptide - plasma
VAsodilatator Stimulated Phosphoprotein	VASP - VAsodilatator Stimulated Phosphoprotein - whole blood
Vasopressin	ADH - Antidiuretic hormone
Vasopressin	ADH - Antidiuretic hormone - urine
VASP - VAsodilatator Stimulated Phosphoprotein - whole blood	
VCA - IgG serology	Epstein-Barr Virus - EBV - VCA IgG, EBNA, IgG serology - serum
VCA - IgM serology	Epstein-Barr Virus - EBV - VCA IgM serology - serum
VCA - VCA IgG/IgM serology	Epstein-Barr Virus - EBV - VCA IgG/IgM and EBNA IgG serology - serum
VDRL	Syphilis - VDRL or quantitative RPR
Vector-borne disease	Bartonellosis - B. henselae - B. quintana - IgG serology - serum
Vector-borne disease	Coxiella burnetii (Q fever) - IgG and IgM serology, Phases I and II - serum
Vector-borne disease	Coxiella burnetii (Q fever) - Screening serology Total Ac Phase II - serum
Vector-borne disease	Human babesiosis - serology - serum
Vector-borne disease	Human ehrlichiosis - IgG/IgM serology - serum
Vector-borne disease	Rickettsioses - R. conorii, R. typhi - serology - serum
Vector-borne disease	Tick-borne encephalitis - TBE - IgG/IgM serology - serum
Védolizumab	Vedolizumab - serum
Vedolizumab - serum	
Veggie Check	Juvenalis - Panel - VeggieCheck
Veneral Diseases Research Laboratory	Syphilis - VDRL or quantitative RPR
Venlafaxine - serum	
Verno-estival encephalitis	Tick-borne encephalitis - TBE - IgG/IgM serology - serum
Vesicular eruptions panel - direct diagnosis - PCR	
VFEND	Voriconazole - Serum

VHD RNA quantification	Hepatitis Delta - Viral load - PCR
VHE	Hepatitis E - direct diagnosis - PCR
VHL	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
VHL	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
VHL	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A,
VHL	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
Vibramycine®	Doxycycline - Serum
Vibraveineuse®	Doxycycline - Serum
Vibrio cholerae	Gastrointestinal Panel - direct diagnosis - PCR - Stools
Vibrio (V. parahaemolyticus/V. vulnificus/ V. cholerae)	Gastrointestinal Panel - direct diagnosis - PCR - Stools
Victan®	Ethyl loflazepate - serum
Vigabatrin - Serum	
VIH	HIV - Human Immunodeficiency Virus - viral load - CSF
VIH 1	HIV - Human Immunodeficiency Virus - viral load - CSF
VIH-1	HIV-1: Qualitative RNA detection, suspected primary infection - serum
VIII R (related)-Ag	Von Willebrand factor - plasma
VIP - Vasoactive Intestinal Polypeptide - plasma	
viral meningoencephalitis panel - direct diagnosis - PCR	
VIREMIE HBV	Hepatitis B - viral load - PCR
VIREMIE HCV	Hepatitis C - viral load - quantitative PCR
VIREMIE HIV	HIV1 - Human Immunodeficiency Virus - viral load - Plasma
Virus FibroMeter	FibroMeter
virus influenza type A	Influenza - direct diagnosis - PCR
virus influenza type B	Influenza - direct diagnosis - PCR
Visceral larva migrans - serology	Toxocariasis - confirmation serology - serum
Visceral larva migrans - serology	Toxocariasis - serology - serum
Vitamin A - Retinol - Plasma	
Vitamin B1 - Thiamin	
Vitamin B12 - serum	
Vitamin B2 - Riboflavin	
Vitamin B6 - Pyridoxal phosphate	
Vitamin B8 or H - Biotin	
Vitamin B9	Folic acid - serum
Vitamin D - 1,25-dihydroxyvitamin D - serum	
Vitamin D3 1,25-hydroxy	Vitamin D - 1,25-dihydroxyvitamin D - serum
Vitamin E - Tocopherol - Plasma	
Vitamin H	Vitamin B8 or H - Biotin
Vitamin K1 - Phylloquinone	
VITT	Anti-PF4 antibodies - heparin - plasma
VKORC1	Pharmacogenetic option on exome already sequenced at Eurofins Biomnis
VKORC1	Pharmacogenetic Passport - PharmacoPass Expert
VLM - serology	Toxocariasis - confirmation serology - serum
VLM - serology	Toxocariasis - serology - serum
VMA	Vanilmandelic acid - Urine
von Willebrand - factor	Von Willebrand factor - plasma
Von Willebrand antigen factor	Von Willebrand factor - antigen - plasma
von Willebrand factor	Von Willebrand factor - antigen - plasma
Von Willebrand factor	Von Willebrand factor - plasma
Von Willebrand factor - antigen - plasma	
Von Willebrand factor - plasma	
Voriconazole - Serum	
Vortioxétine - Serum	
Votubia	Everolimus
VRS	Respiratory Infection Panel - direct diagnosis - PCR
VWF:Ag	Von Willebrand factor - antigen - plasma
vWFCP	Factor Willebrand protease activity - ADAMTS 13
VWF:Rco	Von Willebrand factor - plasma
VZV	Varicella zoster virus - direct diagnosis - PCR - amniotic fluid

VZV	Vesicular eruptions panel - direct diagnosis - PCR
VZV	viral meningoencephalitis panel - direct diagnosis - PCR
VZV - IgM serology	Varicella zoster virus - IgM Serology - serum
VZV - immunity test - IgG antibodie	Varicella zoster virus - IgG serology - serum
VZV - immunity test - IgG antibody	Varicella zoster virus - IgG serology - serum
VZV - viral DNA - PCR	Varicella zoster virus - direct diagnosis - PCR
Water - free - clearance	
West Nile serology	West Nile virus - IgG/IgM serology - serum
West Nile virus	West Nile virus - IgG/IgM serology - serum
West Nile virus - IgG/IgM serology - serum	
Western blot HTLV	HTLV I/II - confirmation serology - serum
Wezenla	Ustekinumab - serum
WGS	Genome by long-read sequencing (Nanopore) - EDTA whole blood
Whipple - disease	Tropheryma whipplei - direct diagnosis - PCR
Whipple's disease	Tropheryma whipplei - direct diagnosis - PCR
WHOLE EXOME SEQUENCING	Prenatal exome
whooping cough	Pertussis - serology
Whooping cough	Respiratory Infection Panel - direct diagnosis - PCR
Whooping cough - Bordetella pertussis and parapertussis - direct diagnosis - PCR	
Widal and Félix serodiagnosis	Salmonellosis - serology - serum
Willebrand factor cleaving protease	Factor Willebrand protease activity - ADAMTS 13
Willebrand factor protease	Factor Willebrand protease activity - ADAMTS 13
Wilms	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
WNV	West Nile virus - IgG/IgM serology - serum
WT1	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
WT1	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
WT1	RNA NGS Panel solid tumors, Pan-organ : 65 genes
Xarelto®	Rivaroxaban - Anti Xa activity measurement - plasma
Xeplion	Risperidone
Xeroquel	Quetiapine
Y chromosome - (regions AZFs, AZFb, AZFc)	
Yeasts - antifungal susceptibility testing	
Yellow Fever - immunity test - serum	
Yersinia enterocolitica	Gastrointestinal Panel - direct diagnosis - PCR - Stools
YFV	Yellow Fever - immunity test - serum
Yo - anti-antibodies	Anti-neuron antibodies - serum
Yuflyma	Adalimumab
Zarontin®	Ethosuximide - serum
Zessly	Infliximab
Ziagen®	Abacavir - plasma
Zinc	
Zinc - seminal plasma	
Zinc - urines	
Zincaemia	Zinc
Zn	Zinc
Zn	Zinc - seminal plasma
Zn	Zinc - urines
Zoloft®	Sertraline - serum
Zonagran	Zonisamide - Serum
Zonisamide - Serum	
Zuclopenthixol - Serum	
Zyprexa®	Olanzapine



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