eurofins | Biomnis

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.

INDEX

- Wellness & Preventive Health: Juvenalis®
- The International Division
- Useful contacts
- Practical information
    - Medical pathology test guide
    - Profiles and Panels
    - Dynamic tests
    - Supplies
    - Request forms and other documents
    - Samples preparation
    - Test procedure
    - Result turn-around times
    - Results
- Regulatory requirements and specificities
- Test guide
- Index of Tests listed by specialty
- Index of Tests listed by synonyme

Wellness & Preventive Health: Juvenalis®

The maintenance of good health is a major element in the prevention of many diseases. Through a (re)adaptation of lifestyle (diet, physical activity, choice of environment), it can be assessed as a whole or more specifically, by different biological markers likely to reflect possible malfunctions, deficiencies or deficiencies that can then be highlighted, corrected or controlled.

Juvenalis® is a range of biological panels carried out within Eurofins Biomnis laboratories. It is intended for practitioners and healthcare professionals who wish to support their patients in their efforts to ensure a “good old age” and/or to take charge of their own health.

This range is made up of panels but also analyses that can be carried out alone.

- **MiniCheck and BasicCheck** are the recommended first-line check-ups. Composed of markers of oxidative stress, low grade inflammation and (micro)nutritional status, it allows an initial check-up of the state of health,
- **AgeCheck Man / AgeCheck Woman** are designed for patients wishing to take stock of their health as part of an “anti-ageing” approach,
- **DigestCheck** is intended for all patients suffering from functional intestinal disorders, often of unexplained origin: the proposed check-up may provide other avenues to explore, or support a corrective action already initiated,
- **FertiCheck Man / FertiCheck Woman** are designed for couples wishing to optimize their fertility,
- **OxyCheck** estimates the level of oxidative stress in progress in the body, using a specific index/ calculation to express this state of being.”
- **VeggieCheck** is intended for people who practice a vegetarian or vegan diet and wish to monitor whether their micronutritional status is impacted by their diet,
- **Minerals** allows to take stock of mineral deficiencies (iron, iodine, copper…),
- **Vitamins** allows to take stock of vitamin deficiencies (A, B1, B2, C, D…).

Among the proposed analyses :

- 5 **food intolerance tests**,
- 1 **intestinal microbiota mapping test**

Each analysis that makes up a Juvenalis panels is managed and carried out in a strictly identical way to its general context: validation is carried out by the pathologist(s) responsible for the sector concerned, then the entire assessment is collated before being validated, and if necessary commented on, by one of the Juvenalis reference pathologists (who are part of the Eurofins Biomnis pathologist).

Our pathologists have been trained in preventive biology, particularly in the fields of micronutrition, oxidative stress or metabolisms involved in functional disorders. In France it represent more than 75% of the reasons for consultation and are recognised as being at the origin of many chronic or autoimmune diseases.

All the required information is available on the Juvenalis® web site

www.juvenalis.com

THE INTERNATIONAL DIVISION

Eurofins Biomnis is a european leader in specialised medical pathology with:

- Two specialised sites in **France**:
  - **Paris** (Ivry-sur-Seine): treatment of large-volume specialised tests on an autolab platform
  - **Lyon** (Gerland): treatment of highly specialised requests, requiring specific expertise (genetics, oncology, infectious diseases, genetic fingerprinting…)
- International clients in over **43 countries**
- A specialised, clinical reference laboratory in **Dublin**, Eurofins Biomnis Ireland
- Numerous partnerships within Eurofins network

On the strength of the Eurofins network and its partnerships with numerus 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 the Middle-East, Europe and Asia.

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

CONTACT Eurofins Biomnis INTERNATIONAL

International Division

T. +33 4 72 80 23 85 – F. +33 4 72 80 73 56
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Saturday: 9:00 am – 12:00 pm (GMT+1)
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MEDICAL PATHOLOGY TEST GUIDE

Referencing the specialized medical test guide on-line

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…

@ www.eurofins-biomnis.com → **/en/Test guide**

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.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.

@ www.eurofins-biomnis.com → **/en/Test guide**

PROFILES AND PANELS

@ www.eurofins-biomnis.com → **/en/Services → Profiles and panels**

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

DYNAMIC TESTS

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/Services → Dynamic tests**

SUPPLIES

The procedures for sampling, labelling and storage of the biological samples are described in this guide. It is important to follow these procedures in order to facilitate the processing of your samples. Failure to comply with the sampling, labelling and storage conditions constitutes a major non-conformity criterion which could lead to the inability to perform the analysis requested.

Eurofins Biomnis supplies shipping materials and useful documents for your routine practice, free of charge on request. The material request form must be used to request the supply of test request forms, practical documents, transport bags, sampling kits or specific transport media. This request form is available from your local agent or from the or from your dedicated key account manager.

REQUEST FORMS AND OTHER DOCUMENTS

We encourage you to use Eurofins Biomnis request forms which contain all the information needed to process samples. If using other forms, ensure that they contain all the information requested and please follow the following instructions: no staples, adhesive tape, paper clips or highlighting or double-sided printing.

The ISO 15189 norm highlights the importance of clinical details to enable the most complete results interpretation. You may find on the Eurofins Biomnis website (www....) the required information or the specific clinical information form (if applicable) required for testing.

@ www.eurofins-biomnis.com → **/en/Test guide**

Preparing samples for dispatch to Eurofins Biomnis

1

- Check preanalytical conditions on the test guide for the relevant laboratory test at www.eurofins-biomnis.com/en/services/test-guide/
- 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
  + gender of the patient
- 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 client identification details.
- Always specify:
- 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://connect.eurofins-biomnis.com/

6 TYPES OF BAG

AMBIENT | FROZEN | REFRIGERATED | MYCOBACTERIA | ANAPATH (smear) | ANAPATH (histology)

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://www.eurofins-biomnis.com/en/services/test-guide/

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, **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 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.

By telephone

T: +33 4 72 80 23 85

Monday - Friday: 8:30 am - 6:30 pm (GMT+1) - Saturday: 9:00 am - 12:00 am (GMT+1)
Email: International@biomnis.eurofinseu.com

By FAX

Results can be faxed to the referring laboratory, either systematically following configuration in our information system, or occasionally on express request.

By HPRIM Connection

The results can be released by HPRIM connection to the laboratory in compliance with the specifications provided by HPRIM SANTÉ V2.2 and HPRIM Net V1.

These exchanges use secured Internet, S/MIME, through networks based on the SMTP and TCP/IP protocols. Authentication of the origin of the messages and the confidentiality of the data transferred are all assured.

To gain access to this service, please contact the International Division

Via the secure result server

Results are available to the referring laboratory via 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.**

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 RISK OF FETAL TRISOMY 21 - 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.

Guidelines

❶ Amprenavir — AMPRE

3 mL EDTA Plasma • < 4h ❸

❹ 3 weeks • HPLC

T0 sample (before taking), T1h30 and T3h (after taking)

Attach the specific clinical information sheet (R6-INTFR: Antiretrovirals)

Amylase — ❼ AMY

❷ 1 mL heparinised serum or plasma • Refrigerated

1 day • Chemistry – Spectrophotometry ❺

Aneuploidy of chromosomes 13, 18, 21, X and Y – Rapid diagnosis - QFPCR – Amniotic fluid - Prenatal — NCDR

2 mL fresh amniotic fluid (non-haemorrhagic) • Room temperature

1 to 2 days • QF-PCR ❻

In order to ensure the traceability of samples, we ask you to contact Eurofins Biomnis International Division before sending any sample for this test.

Attach the medical prescription, the clinical information sheet, doctor's consultation certificate and patient's consent form in accordance with Article R.2131-1 of Decree 2006-1661 of 22 December 2006

2,5 Hexanedione - Urine — ❾ HEXA *

10 mL urine sample • Refrigerated

2 weeks • Gas chromatography / Flame ionisation detector

Glass bottle with PTFE stopper
Sample at end of work shift

❽ T18: Glass bottle, PFTE stopper for solvents (provided on request)

Guidelines

1. Name of the reference test

2. Volume and type of sample

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 used to accurately 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 to be 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

10-Hydroxy-carbazepine - serum

TRILE

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

4 days ° LCMS/MS

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.
Residual level sample (just before administration)
The following examinations can be performed on the same sample: Levetiracetam; Gabapentine; Lamotrigine; Oxacarbazepine/10-OH-Carbazepine; Topiramate.

11-Deoxycorticol - Compound S

COMP5 *

2mL 1 mL serum T0
1 mL serum T1 ° Refrigerated

1 week ° Chromatography - Extraction - Radioimmunoassay

11-Deoxycorticol - Compound S - serum

COMPS *

2mL Serum ° Refrigerated

1 week ° 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

11-Deoxycorticosterone

DOC5 *

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

2 weeks (if dilution/control needed - TAT 4 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

11-Deoxycorticosterone - serum

DOC *

1mL Serum ° Refrigerated

2 weeks (if dilution/control needed - TAT 4 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

17-Hydroxy-Pregnenolone - serum

17PRE *

2mL 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

17-Hydroxyprogesterone

17OHP *

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

2 days ° Radioimmunoassay

1 individual aliquot 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

1-Hydroxypyrene - urine

HOPY *

10mL urine sample ° Refrigerated

1 month ° Liquid Phase Chromatography / Fluorimetry

Sample at end of work shift

T9 : Urine flasks 70 ml

21-Deoxycortisol - serum

21DF *

3mL Serum ° Refrigerated

2 weeks (if dilution/control needed - TAT 4 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

2,5-Hexanedione - urine

HEXA *

10mL urine sample ° Refrigerated

3 weeks ° 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

[-2]pro-PSA - Phi score calculation - serum

PRPSA *

1mL 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

2-thio-thiazolidine-4-carboxylic-acid - urine

TTCA *

5mL urine sample ° Refrigerated

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

Collect the sample on a plastic container

T9 : Urine flasks 70 ml

3-Alpha-Androstanediol Glucuronide - serum

GADIO *

2mL Serum ° Refrigerated

2 weeks ° Chromatography - Extraction - Radioimmunoassay

3-Hydroxybenzo[a]pyrene - benzo[a]pyrene metabolite - urine

3HBPY *

10mL urine sample ° Refrigerated

1 month ° Liquid Phase Chromatography / Fluorimetry

Sample 16 hrs after end of work shift on plastic container

4,4'-Methylenedianiline - urine

METDI *

10mL urine sample ° Refrigerated

4 weeks ° HPLC/MS/MS

Collect the sample on a plastic container
With sulphamic acid preservative (4 g)
Sample at end of work shift

50% haemolysis time - alternative pathway complement - serum

AP50 *

3mL Serum ° FROZEN

2 months ° Enzyme-immunoassay

Dispatch without delay after sampling (always within 48 hours)
Do not use gel tube

5-HIAA - 5-hydroxyindoleacetic acid - Urine

HIA

1tube(s) Homogenized 24H urine ° FROZEN

4 days ° LCMS/MS

1 individual aliquot 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

Tube for urine sample (4mL)-T28

5-Hydroxy-N-methylpyrrolidone - urine

5PYRO *

10mL urine sample ° Refrigerated

21 days °

Sample at end of work shift

T9 : Urine flasks 70 ml

5-Methyltetrahydrofolate (MTHF) - CSF

5MTHX *

2mL CSF ° FROZEN before sending

3 weeks °

5'-Nucleotidase - activity - serum

5NUC *

1mL Serum ° Refrigerated

2 days ° Chemistry - Spectrophotometry

7-Dehydrocholesterol

7DCHO *

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

3 weeks ° Gas Phase Chromatography

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Enclose the specific clinical information form (R26-INTGB : Metabolic Biochemistry)
The samples must reach the laboratory from Monday to Wednesday only

Abacavir - plasma — ABACA *

3mL EDTA Plasma centrifuged immediately ° FROZEN

3 weeks ° HPLC - High Performance Liquid Chromatography

Sample at TO (before intake) T1H and T3H (after intake)
Enclose the specific clinical information form (R6-INTGB : Anti retroviral treatment)

ABCB1 gene : Identification of the rs2032583 and rs2235015 variants - whole blood — ABCB1 *

5mL EDTA whole blood ° Ambient temperature

2 weeks ° Real-time PCR

Enclose the specific B36-INTGB request form : ABCB1 gene
Sample must be refrigerated if transport is > 48 hours

ABO blood grouping - RH1(D) — GROUP *

5mL EDTA whole blood (do not use tubes with separator gel) ° Refrigerated

1 day ° Gel Filtration or Immunocapture method

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

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

5mL 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

ACE - Angiotensin Converting Enzyme — ECAPL *

1mL CSF supernatant ° FROZEN

10 days ° Automated photometric technique

Centrifuge the CSF and freeze the supernatant
1 individual aliquot for this analysis.

ACE - Angiotensin Converting Enzyme - BAL — ECAD *

1mL BAL supernatant ° FROZEN

1 week ° Radioimmunoassay

Centrifuge the BAL and freeze the supernatant

Acebutolol - serum — ACEBS *

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
Always draw blood at the same time before another administration

Acepromazine - serum — ACEP *

2mL Serum ° FROZEN

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Acetone - occupattional health - urines — ACETU *

10mL Urine sample ° Refrigerated

18 days ° Gas Phase Chromatography / FID detection

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

Acetylcholine Esterase - amniotic fluid — ACOLA

3mL 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

Aciclovir - plasma

ACICL *

2mL Heparin Plasma ° FROZEN

1 week ° HPLC - High Performance Liquid Chromatography

Sample to be frozen within 1 hour. Home sampling is not advisable.
Sample treatment:
- centrifuge the sample for 10 min at 4000 rpm and at 4°C,
- settle

- freeze the plasma immediately

Specify the dose administered, the administration and sampling times, the patient's weight.Confirm if the patient suffers from renal deficiency
Sample:
- T0 before infusion (residual level)
- T1hr at end of infusion (peak)
1 individual aliquot for this analysis.

Acid a-glucosidase (GSD II)

AGL2 *

Muscle (3mg): Frozen
2 mL sang total EDTA : Ambient °

3 weeks °

Acid hydrolases - activity - serum

HYDAA *

2mL Serum ° FROZEN

1 month ° Thin Layer Chromatography

1 individual aliquot for this analysis.

Acid phosphatases total - serum

PAT *

1mL Serum ° Refrigerated

2 days ° Chemistry - Spectrophotometry

ACTH - Corticotrophin

ACTH6 *

Plasma T0
Plasma T1 ° FROZEN

1 day ° Electrochemiluminescence

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

#VALEURMULTI

ACTH - Corticotrophin 7 time

ACTH7 *

1mL 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 *

1mL 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 *

1mL 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 - evening

ACTHS *

1mL 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 - morning

ACTHM *

1mL 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

Activated Partial Thromboplastin Time - aPTT - plasma

TCA *

2mL 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.

Activated protein C resistance - plasma

RPC *

2mL 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.

Active glyphosate - screening and dosage - plasma — GLYPH *

4mL Sodium heparin plasma ° FROZEN before sending

2 weeks ° LCMS/MS

Specimen must be referred immediately after sampling
Special trace element tubes (sodium heparin) are recommended. The use of vacuum tubes is recommended.
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.

T4 : Sodium Heparin tube

Active glyphosate - screening and dosage - urines — GLYPU *

4mL Urines ° FROZEN

4 weeks ° LCMS/MS

Active glyphosate - screening and dosage - whole blood — GLYPS *

4mL EDTA whole blood ° FROZEN before sending

2 weeks ° LCMS/MS

Specimen must be referred immediately after sampling
Special trace element tubes (sodium heparin) are recommended. The use of vacuum tubes is recommended.
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.

Acute leukemia molecular screening mDX HEMAVISION SYSTEM - whole blood — MDXX *

5mL EDTA whole blood ° Ambient temperature

30 days °

Acylcarnitine - . - blotting paper — ACYBX *

Guthrie card only ° Ambient temperature

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

Acylcarnitine - profile - plasma

ACYLC *

1mL Heparin Plasma ° FROZEN

20 days ° Mass spectrometry (MS)

Enclose the specific clinical information form (R26-INTGB : Metabolic Biochemistry)
Sample to be frozen within 1 hour. Home sampling is not advisable.
1 individual aliquot for this analysis.
Centrifuge and settle within one hour following sampling

Acylcarnitine - profile - urine

ACYLU *

Urine ° FROZEN

20 days °

T9 : Urine flasks 70 ml

Adalimumab

ADAL

1mL Serum ° Refrigerated

14 days ° Enzyme-immunoassay

Avoid lipid sera and samples that have been frozen/ defrosted more than once.
Always draw blood at the same time before another administration
Please attach the specific clinical information sheet (R46 : Anti-TNF)

Adefovir - plasma

ADEF *

3mL EDTA Plasma centrifuged immediately ° FROZEN

3 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R6-INTGB : Anti retroviral treatment)
1 individual aliquot for this analysis.

Adenosine Deaminase - ADA

ADAD *

2mL 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

Adenovirus - direct diagnosis - PCR — ADNVB

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

6 days ° Real-time PCR

The use of the 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 they are, in sterile bottles, without transport medium.

K1: Virus screening kit by culture or PCR

Adenovirus - IgG serology - serum — ADENO

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

1 week ° SERION ELISA classic

Adenovirus - screening - Stools — ADENS

Stools ° Refrigerated

1 day ° Enzyme-immunoassay

The use of the S14UK transport bag is Mandatory.

S14: Special mycobacteria transport bags are to be used

Adenylosuccinase - deficiency syndrome screening - urine — SAICA *

10mL 24hr or random urine sample ° FROZEN

8 weeks °

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

T9 : Urine flasks 70 ml

ADH - Antidiuretic hormone — ADH04 *

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

7 days ° Radioimmunoassay

Spin down in a refrigerated centrifuge
1 individual aliquot for this analysis.
Freeze the sample within 1 hour after sampling

ADH - Antidiuretic hormone - urine — ADHU *

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

7 days ° Radioimmunoassay

Tube for urine sample (4mL)-T28

Adiponectin - serum — ADIPO *

1mL Serum ° FROZEN

40 days ° Enzyme-immunoassay

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

Adult food allergy panel - specific IgE — PANAA

2mL 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

2mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

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

Freshly replated colony in adapted 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

S10: Diagnobox (three layers of sealed packaging)

Aerobic bacterium - identification — IBA *

Freshly replated colony ° Ambient temperature

8 to 10 days ° Mass spectrometry (MS)

Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology

S10: Diagnobox (three layers of sealed packaging)

Aerobic bacterium - screening

RBA *

[To be translated] ° Refrigerated

2 weeks ° Culture on special media and in suitable atmospheric conditions

The use of the S14UK transport bag is Mandatory.
Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology
Blood culture bottles are not accepted
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

Aerobic bacterium - susceptibility testing

ATBSM *

Freshly replated colony in adapted atmosphere ° Ambient temperature

1 week ° Gel media diffusion and Minimum Inhibitory Concentration according to bacteria and/or sample origin

Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology
Aerobic and Anaerobic bacterium screening are performed simultaneously. Susceptibility test performed if appropriate.
Pricing will vary depending on the number of bacteria found.

S10: Diagnobox (three layers of sealed packaging)

AFP - Alpha-fetoprotein - amniotic fluid

AFPLA

3mL Amniotic fluid ° Ambient temperature

14 days ° Fluoro-Immunoassay (time resolved)

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

AFP - Alpha fetoprotein - fluid

AFPD *

1mL 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 - serum

AFP *

1mL 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

3mL Serum (do not use plasma) ° Refrigerated

2 days ° Fluoro-Immunoassay (time resolved)

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.

Albumin

ALB *

1mL serum ° Refrigerated

1 day ° Immuno turbidimetry

ALWAYS specify the patient's age and gender

Albumin - aspiration biopsy

ALBD *

1mL Aspiration biopsy ° Refrigerated

2 days ° Immuno turbidimetry

Albumin - CSF

ALBPL *

1mL CSF ° Refrigerated

1 day ° Immuno turbidimetry

Aldolase - serum

ADOLA *

1mL Non haemolysed serum ° Refrigerated

1 day ° Chemistry - Spectrophotometry

blood draw preferentially after a 30-min resting period

Aldosterone

ALDO *

1mL 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

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 - urine — ALDOU *

1tube(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)

Tube for urine sample (4mL)-T28

Alimemazine - Serum — ALIM *

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Alkaline phosphatases bone — PALO *

1mL serum not aemolysed ° FROZEN

1 day ° EIA

1 individual aliquot for this analysis.
Gel tubes must be decanted before referral in order to avoid haemolysis at the defrosting stage.
Not to be performed on EDTA plasma

Alkaline phosphatases - fluid — PALD *

1mL Miscellaneous Fluid °

2 days ° Chemistry - Spectrophotometry

Alkaline phosphatases - isoenzymes - serum — IPAL

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

2 days ° Electrophoresis

Not to to be performed on haemolysed sample

Alkaline phosphatases - serum — PAL *

1mL Serum ° Refrigerated

2 days ° Chemistry - Spectrophotometry

Not to be performed on EDTA plasma

Allergic rhinitis profile - specific IgE — PRORH

2mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

Allergy profile Northern Europe - specific IgE — PANEN

2mL 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

2mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

Alpha-1 Antitrypsin - clearance — CLALF *

[Indéfinie] Total 24H stool + 1 mL serum (heparinized plasma accepted) ° Refrigerated

7 days ° Nephelometry or Turbidimetry

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 précisant 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

Alpha-1 Antitrypsin - dosage - serum — ALFA1 *

1mL Serum ° Refrigerated

2 days ° Nephelometry

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

Alpha-1 Antitrypsin - PI phenotype - serum

PIH

2mL Serum ° Refrigerated

14 days ° Isoelectric focusing

Alpha-1 Antitrypsin (SERPINA1 Gene) - Genotyping of S and Z variants (mutations p.Glu264Val and p.Glu342Lys)

A1BM

5mL 5 mL total blood EDTA : refrigerated, 1 mL serum : refrigerated °

18 days ° PCR-RFLP

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Sample must be refrigerated if transport is > 48 hours
Enclose the specific B12-INTGB request form: Molecular Genetics

Alpha-1 Antitrypsin - stool - stool

A1TRS *

[Indéfinie] Total of 24 hour stool samples ° Refrigerated

7 days ° Nephelometry

Enclose the specific clinical information form (R29-INTGB : Functional Coprology)
1 individual aliquot for this analysis.
[To be translated]
[To be translated]

T10 : Stool container 1l

Alpha-1 Microglobulin - urine

ALFMU *

1tube(s) 2nd Early morning urine ° Refrigerated

1 week ° Nephelometry

Tube for urine sample (4mL)-T28

Alpha-2 Antiplasmin - activity - plasma

A2PLA *

1mL Citrated Plasma ° FROZEN

1 week ° Chromogenic method

Sample to be frozen within 1 hour. Home sampling is not advisable.
1 individual aliquot for this analysis.

Alpha-2 Macroglobulin - serum — ALFA2 *

1mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

ALWAYS specify the patient's age and gender

Alpha aminoadipic semialdehyde — AASAX *

[Indéfinie] 2 mL plasma or 20 mL urines ° FROZEN before sending

4 weeks °

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

1mL Serum ° FROZEN

1 week ° Radioimmunoassay

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

10mL EDTA whole blood ° Ambient temperature

30 days ° PCR

Enclose the specific B12-INTGB request form: Molecular Genetics

Alprazolam - Serum — ALPR *

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Alprazolam - urine — ALPRU *

1tube(s) Urine ° FROZEN

10 days ° GPC/MS - HPLC/UV-BD

Tube for urine sample (4mL)-T28

Aluminium — ALU

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

8 days ° Atomic absorption or ICP-MS

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

T4 : Sodium Heparin tube

Aluminium - urines — ALUU *

10mL 24hr Urine collection ° Refrigerated

10 days ° Atomic absorption

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

T9 : Urine flasks 70 ml

AMH - Anti-Müllerian hormone — AMH *

1mL Serum ° Refrigerated

2 days ° EIA

ALWAYS attach the clinical and ultrasound information

AMH - Anti-Müllerian hormone - Child — AMHE *

1mL 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 *

1mL Serum ° FROZEN before sending

1 day ° PETINIA immunoturbidimetric technique

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

Amino acids - chromatography — AAS

1mL 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
Sample to be frozen within 1 hour. Home sampling is not advisable.
1 individual aliquot for this analysis.

Amino acids - chromatography - CSF — AALCR *

1mL CSF ° FROZEN

4 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R1-INTGB : Amino Acids - Organic Acids)
Enclose the specific clinical information form (R26-INTGB : Metabolic Biochemistry)
Sample to be frozen within 1 hour. Home sampling is not advisable.

Amino acids - chromatography - urine — AAU

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

1 week ° UPLC-MS

Enclose the specific clinical information form (R1-INTGB : Amino Acids - Organic Acids)
Fasting sample
Sample to be frozen within 1 hour. Home sampling is not advisable.
The urine creatinine level, essential information for the result interpretation, is systematically performed

Tube for urine sample (4mL)-T28

Amiodarone - serum — AMIO

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

1 week ° LCMS/MS

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
Freeze the sample within 4 hours after sampling
1 individual aliquot for this analysis.
Always draw blood at the same time before another administration

Amisulpride - Serum — AMISU *

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

2 weeks ° Liquid chromatography / Tandem mass spectrometry (LC-TMS/MS)

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Amitriptyline - Serum — AMIT *

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

1 week ° GCMS

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.
Always draw blood at the same time before another administration

"AML" panel (Acute myeloid leukaemia) - (41 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

Sample must be refrigerated if transport is > 48 hours
Samples to be collected from Monday to Wednesday
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

Ammonaemia - plasma — AMMO *

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

1 day ° Chemistry - Spectrophotometry

1 individual aliquot 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

Amoebiasis - serology - serum — AMIB

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

1 week ° Hemagglutionation + ELISA

Amoxapine - Serum — AMOS *

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Amoxicillin - Serum — AMOX *

2mL 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)

Amphetamines - dosage - plasma — AMPHS

2mL 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)
[To be translated]

Amphetamines - dosage - urines — AMPHU

2mL urines ° Refrigerated

4 days ° LC-MS/MS

[To be translated]

Tube for urine sample (4mL)-T28

Amphetamines - gastric juice — AMPHD *

15mL Gastric fluid ° FROZEN

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

[To be translated]

Amphotericin B - Serum — AMPHO *

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

1 week ° HPLC - High Performance Liquid Chromatography / DAD

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.
Residual level = before injection; Peak = 30 min after end of infusion or 1 hr after IM injection

Amprenavir - Serum — AMPRE *

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

3 weeks ° HPLC - High Performance Liquid Chromatography

Sample at T0 (before intake) T1H30 and T3H (after intake)
Enclose the specific clinical information form (R6-INTGB : Anti retroviral treatment)

Amylase - aspiration biopsy — AMYD *

1mL Aspiration biopsy ° Refrigerated

2 days ° Chemistry - Spectrophotometry

Amylase - serum — AMY *

1mL Serum ° Refrigerated

2 days ° Chemistry - Spectrophotometry

Amylase - urine — AMYU *

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

1 day ° Chemistry - Spectrophotometry

Specify diuresis

Tube for urine sample (4mL)-T28

Amylose héréditaire à transthyrétine - Etude moléculaire du gène TTR par séquençage nouvelle génération — TTR

5mL Sang total EDTA, ADN extrait ° Refrigerated

1 month ° New generation sequencing

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
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

Anaerobic bacterium - identification — IDANA *

Freshly replated colony ° Ambient temperature

1 week ° Mass spectrometry (MS)

Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology
Tight container supplied upon request, always indicate the origin of the sample

S10: Diagnobox (three layers of sealed packaging)

Anaerobic bacterium - susceptibility testing — ATBAN *

Freshly replated colony in adapted atmosphere ° Ambient temperature

1 week ° Agar gel diffusion

Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology

S10: Diagnobox (three layers of sealed packaging)

Aneuploidy screen by QF-PCR for chromosomes: 13,18,21,X et Y — NCDR

2mL 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

Angelman / Prader-Willi Syndrome - SNRPN methylation — SNRPL

5mL Fresh or cultured amniotic fluid, fresh or cultured trophoblast ° Ambient temperature

15 days ° Methyl-PCR bisulfite

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

Angelman / Prader-Willi Syndrome - SNRPN methylation - whole blood — SNRPS

5mL EDTA whole blood ° Ambient temperature

15 days ° Methyl-PCR bisulfite

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Enclose the specific B12-INTGB request form: Molecular Genetics

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

5mL 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 - whole blood — DUPO

5mL EDTA whole blood ° 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
According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Enclose the specific B12-INTGB request form: Molecular Genetics

Angiostrongylus cantonensis - serology - serum — AGYLU *

1mL Serum ° Refrigerated

1 month ° Western-Blot

Angiotensin II - plasma — ANGIO *

2mL 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
1 individual aliquot for this analysis.
Freeze the sample within 1 hour after sampling

anisakiasis - Specific IgE and IgG4 - serum — ANIS

1mL Serum ° Refrigerated

7 days ° Fluorescent enzyme-immunoassay

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

1mL Serum ° FROZEN

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

Anti-acetylcholine receptor antibodies - serum — REAC *

1mL Non haemolysed serum ° FROZEN

5 days ° Radioimmunoassay

Anti-actin antibodies - typing - serum — ACTIT *

1mL Serum ° Refrigerated

2 days ° Immunofluorescence

This test can only be performed in addition to test Anti-smooth muscle antibodies (code MUSCX), and so long as the results of the latter are positif (> 1/80)

Anti-adrenal gland antibodies - serum — SURAC

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

1 week ° Immunofluorescence

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

1mL Serum ° Refrigerated

1 week ° Enzyme-immunoassay

Anti-asialoglycoprotein receptor antibodies - serum — ASIAX *

2mL Serum ° Refrigerated

1 month ° Immunofluorescence

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

1mL Serum ° Refrigerated

1 week ° Western-Blot

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

1mL Serum ° Refrigerated

3 days ° Flow fluorimetry

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

1mL Serum ° Refrigerated

3 days ° Flow fluorimetry

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

Strain: room temperature
Various samples: +4°C °

1 week ° Culture on special media

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

S10: Diagnobox (three layers of sealed packaging)

Anti-C1q antibodies - serum — C1QAC *

1mL Serum ° Refrigerated

1 week ° Enzyme-immunoassay

Anti-calcium channel antibodies - serum — CALAC *

1mL Serum ° FROZEN

15 days ° Radioimmunoassay

Cannot be performed on CSF

Anti-Calcium Sensing Receptor antibodies - serum — PTHYR *

1mL Serum ° Refrigerated

1 month ° Immunofluorescence + RIA

Anti-cardiolipin antibodies - IgG - serum — CARD *

1mL Serum ° Refrigerated

3 days ° Flow Immunofluorimetry

Anti-cardiolipin antibodies - IgM - serum — CARDM *

1mL Serum ° Refrigerated

3 days ° Flow Immunofluorimetry

Anti-cyclic citrullinated peptide antibodies - CCP2 — CITRA *

1mL 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.

Anti deamidated gliadin peptides antibodies IgA - IgA - serum — GLIAA

1mL 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

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

3 days ° Fluorescent enzyme-immunoassay

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

1tube(s) urine sample ° Refrigerated

1 week ° LCMS/MS

Always specify the clinical context : efficiency or toxicity

Tube for urine sample (4mL)-T28

Antidepressants screening- identification - without dosage - Serum — TRICY *

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

1 week °

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.
Always draw blood at the same time before another administration
Always specify the clinical context : efficiency or toxicity

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

2mL Serum ° Refrigerated

3 days ° Flow Immunofluorimetry

Anti-DNA antibodies double stranded - Farr test - serum — FARR *

1mL Serum ° Refrigerated

1 week ° Radioimmunoassay

Anti-elastase activity - serum — PELAS *

1mL Serum ° Ambient temperature

2 weeks ° Enzyme kinetics

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

2mL Serum ° Refrigerated

3 days ° Flow Immunofluorimetry

Anti-endomysium antibodies - IgA - serum — ENDOA

1mL 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

1mL 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-endothelial cell antibodies - serum — ENDOT *

2mL Serum ° Refrigerated

1 month ° Enzyme-immunoassay

Anti-epidermal basement membrane and intracellular substance antibodies - serum — PEAU

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

2 days ° Immunofluorescence

Not to be confused with anti-glomerular basement membrane antibodies

Anti-epidermal basement membrane and intracellular substance antibodies Typing (BPAg2/BP180, BPAg1/BP 230,desmoglein 1, desmoglein 3, Envoplakine and collagen VII) - serum — BP180

200µL serum (do not use 10 mL tube) ° Refrigerated

1 week ° ELISA

Anti-erythropoietin antibodies - serum — ACERY *

2mL Serum ° FROZEN

3 months ° Radioimmunoassay

Attach the clinical data

Anti-exocrine pancreas antibodies - serum — PANAC *

1mL Serum ° Refrigerated

1 month ° Immunofluorescence

Not to be confused with endocrine pancreas = islets of Langerhans

Anti-factor II antibodies - screening - plasma

ANTI2 *

2mL Citrated Plasma ° FROZEN

2 days ° Chronometric method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
1 individual aliquot 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 IX antibodies - screening - plasma

ANTI9 *

2mL Citrated Plasma ° FROZEN

2 days ° Chronometric method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
1 individual aliquot 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.

Anti-Factor V antibodies - screening - plasma

ANTI5 *

2mL Citrated Plasma ° FROZEN

2 days ° Chronometric method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
1 individual aliquot 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 *

2mL 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 *

2mL Citrated Plasma ° FROZEN

2 days ° Chronometric method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
1 individual aliquot 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 XI antibodies - screening - plasma

ANT11 *

2mL Citrated Plasma ° FROZEN

2 days ° Chronometric method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
1 individual aliquot 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 *

2mL 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-GAD antibodies - CSF

GADPL

1mL CSF ° Refrigerated

3 days ° Immunodot

Anti-GAD antibodies - serum — GAD

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

2 days ° Chemiluminescence

Serum not hemolysed

anti GFAP antibodies - Repeat testing - CSF - anti GFAP antibodies — GFAPE *

CSF ° Refrigerated

Anti-glomerular basement membrane antibody - serum — MBG *

1mL Serum ° Refrigerated

3 days ° Flow Immunofluorimetry

Not to be confused with anti-epidermal basement membrane antibodies

Anti-glycolipid antibodies - CSF — GM1PL

500µL CSF ° Refrigerated

4 days ° Immunoblot

Anti-glycolipid antibodies - serum — GM1

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

4 days ° Immunoblot

Anti-GP210 antibodies - serum — GPAC *

2mL Serum ° Refrigerated

3 days ° Immunodot

Anti-histone antibodies - serum HISAC *

1mL Serum ° Refrigerated

1 week ° Enzyme-immunoassay

Anti-HLA Antibodies - Classes I and II - Identification - serum HLAAT *

5mL Serum ° FROZEN

1 month °

anti-HLA antibodies - classes I and II - transplant - serum HLACX *

5mL Serum ° FROZEN

1 month ° Microlymphocytotoxicity assay

Anti HMGCR antibodies - serum HMGCR *

1mL Serum ° Refrigerated

7 days ° Chemiluminescence

Anti-IgA antibodies - serum IGAAC *

2mL Serum ° Refrigerated

2 weeks ° Enzyme-immunoassay

2 specific aliquots for this analysis

Anti-insulin antibodies - serum INSAC *

1mL Serum ° FROZEN

1 week ° Radioimmunoassay

Anti-intrinsic factor antibodies - serum — ACFIN *

1mL Serum ° Refrigerated

1 day ° Enzyme-immunoassay

Anti-islet cell antibodies - ICA - serum — ILO

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

2 days ° Chemiluminescence

Serum not hemolysed

Anti-lactoferrin antibodies and anti carbonic anhydrase antibodies - serum — PANCR *

2mL Serum ° Refrigerated

5 weeks ° Enzyme-immunoassay

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

1mL Serum ° Refrigerated

3 days ° Immunodot

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

1mL Serum ° Refrigerated

2 days ° Immunofluorescence

In the case of a positive screening test, perform typing

Anti-LKM antibodies - endoplasmic reticulum - screening - serum — LKMX *

1mL Serum ° Refrigerated

4 days ° Immunofluorescence

In the case of a positive screening test, perform typing

Anti-LKM antibodies - endoplasmic reticulum - typing - serum — LKMC *

1mL Serum ° Refrigerated

3 days ° Immunodot

Anti-MAG antibodies - serum — MAG

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

2 weeks ° Enzyme-immunoassay

Anti-mitochondrial antibodies - screening and titration - serum — MITOX *

1mL Serum ° Refrigerated

4 days ° Immunofluorescence

Anti-mitochondrial antibodies - typing - serum — MITOT *

1mL Serum ° Refrigerated

3 days ° Immunodot

Anti-MOG antibodies - CSF — MOGPL

300µL CSF ° Refrigerated

7 days ° Immunofluorescence

No compact or urine container for CSF samples

Anti-MOG antibodies - serum — MOG

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

7 days ° Immunofluorescence

Antimony - plasma — ANTIP *

2mL Sodium heparin plasma ° Refrigerated

3 weeks ° ICP/MS

T4 : Sodium Heparin tube

Antimony - urine — ANTIU *

urine sample ° Refrigerated

3 weeks °

T9 : Urine flasks 70 ml

Anti-MPO antibodies - myeloperoxidase - serum — MPO *

2mL Serum ° Refrigerated

3 days ° Flow Immunofluorimetry

Anti-MuSK antibodies - serum — MUSK *

1mL Serum ° Refrigerated

15 days ° Enzyme-immunoassay

Anti-myelin antibodies - serum — ACMYE

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

7 days ° Immunofluorescence

Anti-Natalizumab antibodies - serum — TYSA *

2mL 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

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

AMPAR *

1mL Serum ° Refrigerated

2 to 3 weeks ° Immunofluorescence

Anti-neuromyelitis optica antibodies - CSF

NMOPL

300µL CSF ° Refrigerated

1 week ° Immunofluorescence

No compact or urine container for CSF samples

Anti-neuromyelitis optica antibodies - serum

NMOAC

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

1 week ° Immunofluorescence

Anti-neuron antibodies - CSF

YOPL

1mL CSF ° Refrigerated

3 days ° Immunodot

Anti-neuron antibodies - serum

YOHU

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

3 days ° Immunodot

Anti-neutrophil cytoplasmic antibodies - ANCA - Serum

ANCAX *

2mL Serum ° Refrigerated

4 days ° Immunofluorescence

Anti-NMDA receptor antibodies - CSF — NMDPL

300µL CSF ° Refrigerated

7 days ° Immunofluorescence

No compact or urine container for CSF samples

Anti-NMDA receptor antibodies - serum — NMDA

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

7 days ° Immunofluorescence

Anti-nuclear antibodies - Serum — AANX *

2mL Serum ° Refrigerated

3 days ° Immunofluorescence

1 specific aliquot for this analysis

Anti-nucleosome antibodies - serum — NUCAC *

1mL Serum ° Refrigerated

3 days ° Immunofluorimetry

Anti-ovarian antibodies - serum — OVAC

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

1 week ° Immunofluorescence

Antioxidant activity - plasma — PAOXS *

1mL Lithium heparin plasma ° FROZEN

20 days ° Colorimetry

Refrigerated centrifugation
Sample to be frozen within 1 hour. Home sampling is not advisable.

Anti-oxidised LDL antibodies - IgG and/or IgM - serum — LDLAC *

2mL Serum ° FROZEN

20 days ° Enzyme-immunoassay

Sample to be frozen within 2 hours.
1 individual aliquot for this analysis.

Anti-parietal cell antibodies - stomach - serum — CELPA *

1mL Serum ° Refrigerated

2 days ° Immunofluorescence

Anti-PF4 antibodies - heparin - plasma — PF4 *

1mL Citrated Plasma ° FROZEN

2 days ° Immunology assay automated in chemiluminescence

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.

Anti-phosphatidylethanolamine antibodies - IgG - serum — PHETG

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

2 weeks ° Enzyme-immunoassay

Anti-phosphatidylethanolamine antibodies - IgM - serum — PHETH

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

2 weeks ° Enzyme-immunoassay

Anti phospholipids antibodies - serum — PHAC *

1mL Serum ° Refrigerated

3 days °

[To be translated]

anti-PLA2R antibodies - serum — PLA2R

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

7 days ° Immunofluorescence

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

Anti-potassium channel antibodies / Lgi1 Caspr2 - CSF — VGKPL

300µL CSF ° Refrigerated

1 week ° Immunofluorescence

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

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

1 week ° Immunofluorescence

Anti-PR3 antibodies - proteinase 3 - serum — PR3 *

2mL Serum ° Refrigerated

3 days ° Flow Immunofluorimetry

Anti-prothrombin antibodies - IgG - serum — PROAC *

1mL Serum ° Refrigerated

1 week ° Enzyme-immunoassay

Not to be confused with antiprothrombinases (circulating anticoagulants)

Anti-proton pump antibodies - serum — POPRO *

1mL Serum ° Refrigerated

10 days ° Enzyme-immunoassay

Anti-retina antibodies - serum — RECOV

1mL Serum ° Refrigerated

3 days ° Immunodot

Anti-ribosome antibodies - serum — RIBO *

1mL Serum ° Refrigerated

2 days ° Immunofluorescence

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

2mL Serum ° Refrigerated

3 days ° Enzyme-immunoassay

Anti-SLA antibodies - Soluble Liver Antigen - serum — SLAC *

1mL Serum ° Refrigerated

3 days ° Immunodot

Anti-smooth muscle antibodies - screening and titration - serum — MUSCX *

1mL Serum ° Refrigerated

4 days ° Immunofluorescence

Anti- SOX1 antibodies - CSF — SOX1L

1mL CSF ° Refrigerated

3 days ° Immunodot

Anti- SOX1 antibodies - serum — SOX1

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

3 days ° Immunodot

Anti-SP100 antibody - IgG - serum — SP100 *

2mL 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 °

5 weeks ° Agglutination

[To be translated]

Anti-striated muscle antibodies - serum — MUSTR *

1mL Serum ° Refrigerated

2 days ° Immunofluorescence

Do not send haemolysed or lipemic samples.

Anti-T3 antibodies - triiodothyronine - serum — T3AC *

2mL 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

Anti-T4 antibodies - thyroxine - serum

T4AC *

2mL 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

Anti-testicular antibodies - serum

TESTA

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

1 week ° Immunofluorescence

Antithrombin - antigen - plasma

ATAG *

1mL 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

Antithrombin - functional activity - plasma

AT *

2mL 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

anti THSD7A antibodies - serum

THSD7 *

1mL Serum ° Refrigerated

15 days ° Immunofluorescence

Anti-thyroglobulin antibodies

TYRAC *

1mL 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.

Anti-thyroid peroxidase antibodies

TPO *

1mL 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.

Anti-titin antibodies - CSF

TITIL

1mL CSF ° Refrigerated

3 days ° Immunodot

Anti-titin antibodies - serum

TITIN

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

3 days ° Immunodot

Anti-Tr antibodies - CSF — ACTRL

1mL CSF ° Refrigerated

3 days ° Immunodot

Anti-Tr antibodies - serum — ACTR

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

3 days ° Immunodot

Anti-TSH antibodies - serum — TSHAC *

1mL 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

Anti-TSH receptor antibodies - serum — TRAKH *

1mL 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.

Anti-type II collagen antibodies - serum — COLB2 *

1mL Serum ° Refrigerated

5 weeks ° Enzyme-immunoassay

Anti-tyrosine phosphatase antibodies - IA-2 - serum — IA2

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

2 days ° Chemiluminescence

Serum not hemolysed

Anti-Xa activity : Danaparoid - Orgaran - plasma

ORG *

1mL Citrated Plasma ° FROZEN

1 day ° Chromogenic method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
Sample to be frozen within 1 hour. Home sampling is not advisable.
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.

Anti-Xa activity : Fondaparinux - Arixtra - plasma

FONDA *

1mL Citrated Plasma ° FROZEN

1 day ° Chromogenic method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
Sample to be frozen within 1 hour. Home sampling is not advisable.
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.

Anti-Xa activity : low molecular weight heparin - LMWH - plasma

XA *

1mL Citrated Plasma ° FROZEN

1 day ° Chromogenic method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
Sample to be frozen within 1 hour. Home sampling is not advisable.
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.

Anti-Xa activity : Standard heparin - NFH - plasma — HEPAR *

1mL Citrated Plasma ° FROZEN

1 day ° Chromogenic method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
Sample to be frozen within 1 hour. Home sampling is not advisable.
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.

Anti-YOP antibodies - IgG - serum — YOPAC

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

2 weeks ° Western-Blot

Anti-ZC4 antibodies - CSF — ZIC4L

1mL CSF ° Refrigerated

3 days ° Immunodot

Anti-ZC4 antibodies - serum — ZIC4

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

3 days ° Immunodot

Anti ZNT8 antibodies - serum — ZNT8

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

14 days ° Enzyme-immunoassay

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

1mL 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.

Apolipoprotein A1 - serum — APOA *

1mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

Fasting sample

Apolipoprotein B - serum — APOB *

1mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

Fasting sample

Apolipoprotein C3 - serum — APOC3 *

1mL Serum ° FROZEN

3 months ° Differential Electroimmunodiffusion

Apolipoprotein E - methylated gene-transmitted - whole blood — APOEX *

5mL EDTA whole blood ° Ambient temperature

4 weeks ° PCR

Enclose the specific B12-INTGB request form: Molecular Genetics

Arginosuccinic acid - plasma — AARGI *

2mL Heparin Plasma ° FROZEN

2 months ° Liquid chromatography / Tandem mass spectrometry (LC-TMS/MS)

Sample to be frozen within 1 hour. Home sampling is not advisable.
1 individual aliquot for this analysis.

Arginosuccinic acid - urine — AARGU *

10mL Random urine ° FROZEN

2 months ° Liquid chromatography / Tandem mass spectrometry (LC-TMS/MS)

Sample to be frozen within 1 hour. Home sampling is not advisable.

Rhesus genotyping requisitions (leaflets)

Aripiprazole — ARIPI

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.
Always draw blood at the same time before another administration
The following examinations can be performed on the same sample: Aripiprazole; Clozapine; Haloperidol; olanzapine; Quétiapine; Rispéridone.

Arsenic - biological fluid — ASD *

10mL Biological fluid ° Refrigerated

3 weeks ° Atomic absorption

Arsenic - hair specimen — ARCH *

200mg Hair specimen ° Ambient temperature

1 month ° Atomic absorption

Cut a match-sized lock of hair next to the scalp
Place the lock in a glass or plastic tube

Arsenic - inorganic an metabolites derivatives - urine — MASU *

10mL urine sample ° Refrigerated

3 weeks ° Atomic absorption

T9 : Urine flasks 70 ml

Arsenic - Plasma — ASPL *

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

1 month ° Atomic absorption

Ascariasis - serology - serum — ASC

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

1 week ° Enzymology

Aspergillosis - confirmation serology - serum — ASIEP

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

3 days ° Western-Blot

Aspergillosis IgG serology screening - serum — ASPER

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

3 days ° Fluorescent enzyme-immunoassay

If positive, the confirmation test is automatically performed.

Aspergillosis - soluble antigen - testing - BAL — ASPLB *

BAL ° FROZEN

7 days °

1 individual aliquot 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

Aspergillosis - soluble antigen - testing - serum — ASPAG

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

5 days ° Enzyme-immunoassay

associated periodic syndrome - whole blood — TRAPS *

5mL EDTA whole blood ° Ambient temperature

30 days ° PCR + sequencing

Enclose the specific B12-INTGB request form: Molecular Genetics

Atazanavir - Serum — ATAZ *

3mL 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)

Attractive chemo protein of monocytes (MCP-1) - serum — MCP1

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

3 weeks ° Chemiluminescence

Baclofene - Serum — BACL *

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

2 weeks ° GPC/MS - HPLC/UV-BD

1 individual aliquot for this analysis.

Bacteriological screening — BAF *

[To be translated] ° Refrigerated

1 week °

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

S14: Special mycobacteria transport bags are to be used

Barbiturates - urine — BARBU *

1tube(s) Random urine ° Refrigerated

2 days ° Homogeneous phase enzyme-linked immunosorbent technique

[To be translated]

Tube for urine sample (4mL)-T28

Barium - Plasma — BARSG *

2mL Sodium Heparin Plasma (trace elements special tube) ° Refrigerated

2 weeks ° Atomic absorption

Barium - urine — BARU *

10mL urine sample ° Refrigerated

2 weeks ° Atomic absorption

Sample 16 hrs after end of work shift on plastic container

T9 : Urine flasks 70 ml

Bartonellosis - B. henselae - B. quintana - IgG serology - serum — GRIF

1mL 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 S14UK transport bag is Mandatory.

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

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

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

Bence Jones - screening

BJ *

2tube(s) 24hr Urine collection or Early morning urine ° 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

Tube for urine sample (4mL)-T28

Benzene - urine

BZU *

10mL urine sample ° Refrigerated

1 month ° 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

Benzene - whole blood

BENZE *

5mL EDTA whole blood or Heparin ° Refrigerated

3 weeks ° 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 - identification - urine

BENIU *

1tube(s) urine ° Refrigerated

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

Always indicate the clinical context
Enclose the specific clinical information form (R13-INTGB : Medication quantification)

Tube for urine sample (4mL)-T28

Benzodiazepines - screening and identification - Serum — BENZC *

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

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

Always indicate the clinical context
1 individual aliquot for this analysis.

Benzodiazepines - screening without identification - serum — BENZS *

500µL Serum ° Refrigerated

1 day ° Homogeneous phase enzyme-linked immunosorbent technique

The samples can be frozen and thawed 3 times.
[To be translated]

Benzodiazepines - screening without identification - urine — BENZU *

1mL Random urine ° Refrigerated

2 days ° Kinetic interaction of microparticules in solution (KIMS)

Tube for urine sample (4mL)-T28

Beryllium — BERYS *

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

2 weeks ° Atomic absorption

Sample 16 hrs after end of work shift on plastic container
Do not use gel tube

Beryllium - urine — BERYU *

20mL Random urine ° Refrigerated

3 weeks ° Atomic absorption

Sample 16 hrs after end of work shift on plastic container

T9 : Urine flasks 70 ml

Beta-2 microglobulin - CSF — B2MLC *

1mL CSF ° Refrigerated

1 day ° Chemiluminescence

Beta-2 microglobulin - serum — B2M *

1mL Non haemolysed serum ° Refrigerated

1 day ° Chemiluminescence

Always indicated the beginning or the end of dialysis

Beta-2 microglobulin - urine — B2MU *

1tube(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

Tube for urine sample (4mL)-T28

Beta and alpha Thalassemia - gene study - whole blood — ABTHX *

10mL EDTA whole blood ° Ambient temperature

30 days ° PCR

Enclose the specific B12-INTGB request form: Molecular Genetics

Beta-carotene — BCARO *

1mL Lithium heparin plasma (stored away from light) (tubes with gel separators are prohibited) ° FROZEN

10 days ° HPLC - High Performance Liquid Chromatography

Sample to be frozen within 90 minutes . Home sampling is not advisable.
1 individual aliquot for this analysis.

Beta defensine 2 - stool — BDEF2 *

20g Stool sample ° Refrigerated

8 days ° ELISA

Beta-D-Glucan antigen - screening — BDGLU *

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

8 days ° Enzyme-immunoassay

No haemolysed and no lipemic serum

Beta-Thalassemia - gene study - whole blood

THAGX *

10mL EDTA whole blood ° Ambient temperature

2 months ° PCR

Enclose the specific B12-INTGB request form: Molecular Genetics

Bevacizumab - serum

BEVA *

1mL Serum ° FROZEN

3 weeks ° Enzyme-immunoassay

Always draw blood at the same time before another administration

Bictegravir - serum

BICTE *

3mL Serum ° FROZEN

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

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

Bile acids - chromatography - serum

ACBCH *

3mL Serum ° FROZEN before sending

30 days ° Gas Phase Chromatography / FID detection

1 individual aliquot for this analysis.

Bile acids - serum

ACBI *

1mL Serum ° Refrigerated

1 day ° Chemistry - Spectrophotometry

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

Bile acids - urines

ACBUX *

10mL Urines ° FROZEN before sending

4 to 12 weeks ° Tandem mass spectrometry (MS/MS)

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

250µL Serum ° Refrigerated

1 day ° Colorimetry

Store away from light

Bilirubin total - serum — BILIT *

1mL Serum ° Refrigerated

1 day ° Chemistry - Spectrophotometry

Store away from light

Biogenic amines - CSF — ABIOX *

2mL CSF ° FROZEN before sending

3 weeks °

Biotinidase - serum — BIOTI *

2mL Serum ° FROZEN

1 month ° Colorimetry

Enclose the specific clinical information form (R26-INTGB : Metabolic Biochemistry)
Sample to be frozen within 1 hour. Home sampling is not advisable.
1 individual aliquot for this analysis.

Biperiden - serum — BIPE *

2mL Serum ° Refrigerated

3 weeks ° Gas Phase Chromatography / NPD

Enclose the specific clinical information form (R13-INTGB : Medication quantification)

Bird-breeder's lung - confirmation - serum — OISC

1mL Serum ° Refrigerated

2 weeks ° western blot

Screening is mandatory prior to confirmation
If possible, specify the bird type

Bismuth - serum — BISMS *

2mL Serum ° Refrigerated

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

Bismuth - urine — BISMU *

10 urine sample ° Refrigerated

Variable TAT ° Atomic absorption

T9 : Urine flasks 70 ml

Bismuth - whole blood — BISM *

5mL EDTA whole blood ° Ambient temperature

10 days ° Inductively coupled plasma-mass spectrometry

Bisoprolol - serum — BISO *

3mL Serum ° FROZEN

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)

B-Lactamine Antibiotic Allergy Panel - specific IgE — PANAB

2mL serum ° Refrigerated

3 days ° Fluoro-EnzymoimmunologY - Phadia-ThermoFisher Scientific/Hycor

Use the specific request form B62: allergological panel

blood grouping - genotyping - whole blood — BMGR *

5mL 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

Blood karyotype — MOHC1

5 mL Heparinised whole blood, 2 mL Bone marrow, 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

BNP - Brain Natriuretic Peptide - plasma — BNP *

1mL Non haemolysed EDTA plasma ° FROZEN

1 day ° CMIA

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

Bocepevir - plasma — VICTR *

3mL EDTA Plasma centrifuged immediately ° FROZEN

3 weeks ° LCMS

Enclose the specific clinical information form (R6-INTGB : Anti-retroviral medicines)
1 individual aliquot for this analysis.

Boron - plasma — BORES *

3mL plasma ° Refrigerated

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

Boron - urine — BOREU *

10mL urine sample ° Refrigerated

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

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

The use of the 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 they are, in sterile bottles, without transport medium.

K1: Virus screening kit by culture or PCR

Borreliosis - IgG confirmation serology — WBLYG *

1mL serum, CSF ° Refrigerated

2 days ° Immunoblot

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Borreliosis - IgM confirmation serology - serum — WBLYM *

1mL Serum ° Refrigerated

2 days ° Immunoblot

.
On specific request

BRAF Gene - isolated — BRAF

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

10 days ° Method: Targeted sequencing of genes (NGS).
- Library: Library Preparation Enzymatic Fragmentation Kit 2.0

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

S9L: Envelopes yellow for karyotypes LYON

Branching enzyme (GSD IV) - whole blood — GSD4 *

2mL EDTA whole blood ° Ambient temperature

3 weeks °

BRCA1 - BRCA2 Deletion/duplication - whole blood — DBRCA *

EDTA whole blood ° Ambient temperature

30-40 days ° MLPA

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

Brivaracetam - serum — BRIVA *

200µL Serum (do not use tubes with separator gel) ° FROZEN

3 days °

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

Bromazepam - Serum — BROMA *

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.
Always draw blood at the same time before another administration

Bromine - Plasma — BROMS *

2mL Sodium Heparin Plasma (trace elements special tube) ° Refrigerated

3 weeks ° Direct potentiometry

Bromine - urine — BROMU *

10mL urine sample ° Refrigerated

3 weeks ° Direct potentiometry

T9 : Urine flasks 70 ml

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

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

7 days ° Agglutination

Buflomedil - serum — BUFLO *

2mL Serum ° Refrigerated

1 week ° 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.

Bupivacaine - Serum — BUPIV *

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Buprenorphine and metabolites - urine — BUPU *

1tube(s) Urine ° FROZEN

2 weeks ° LCMS

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
[To be translated]

Tube for urine sample (4mL)-T28

Buprenorphine - Serum — BUPS *

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

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

Always indicate the clinical context
Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.
[To be translated]

Butadiene - urine — BUTAD *

5mL urine sample ° Refrigerated

27 days ° LCMS/MS

Butoxyacetic acid - urine — BTXU *

10mL urine sample ° Refrigerated

6 weeks ° Gas Phase Chromatography / FID detection

Sample at end of work shift

T9 : Urine flasks 70 ml

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

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

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

C1-inhibitor - complement fraction - quantitation - serum — INHC1 *

1mL Serum ° FROZEN

1 day ° Turbidimetry

C1q - complement fraction - serum — C1Q

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

1 week ° Radial immunodiffusion

C2 - complement fraction - serum — CC2

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

1 week ° Radial immunodiffusion

C3 - complement fraction - serum CC3 *

1mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

C3NeF - Nephritic factor - serum C3NEF *

1mL Serum ° Refrigerated

6 weeks ° Immuno chemistry

Specify C3 value

C4 - complement fraction - serum CC4 *

1mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

C5 - complement fraction - serum CC5

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

1 week ° Radial immunodiffusion

C7 - complement fraction - serum CC7 *

1mL Serum ° FROZEN

1 month °

C9 - complement fraction - serum CC9 *

1mL Serum ° FROZEN

1 month ° Radial immunodiffusion

CA 125 antigen - aspiration biopsy — C125D *

1mL Aspiration biopsy ° Refrigerated

1 day ° Electrochemiluminescence

CA 125 antigen - serum — CA125 *

1mL 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 - aspiration biopsy — C153D *

1mL Aspiration biopsy ° Refrigerated

1 day ° Electrochemiluminescence

CA 15-3 antigen - serum — CA153 *

1mL 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 - aspiration biopsy — C199D *

1mL Aspiration biopsy ° Refrigerated

1 day ° Electrochemiluminescence

CA 19-9 antigen - serum — CA199 *

1mL 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 *

1mL Serum ° FROZEN

2 weeks ° Radioimmunoassay

CA 72-4 antigen - aspiration biopsy — C724D *

1mL Aspiration biopsy ° Refrigerated

2 days ° Electrochemiluminescence

CA 72-4 antigen - serum — CA724 *

1mL 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 *

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

2 weeks ° LCMS

at the residual rate and at steady state

Cadmium - urine — CDU *

20mL Random urine ° Refrigerated

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

T9 : Urine flasks 70 ml

Cadmium - whole blood — CD

5mL Heparin whole blood (stored away from light) ° Refrigerated

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

Caffeine - Serum

CAF *

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

1 week ° HPLC - High Performance Liquid Chromatography / UV detection

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Calcitonin - aspiration biopsy

CALCD *

1mL 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 *

2mL Non haemolysed serum ° FROZEN

1 day ° Chemiluminescence

1 individual aliquot for this analysis.
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.
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.

Calprotectin faecal

CALP *

[Indéfinie] stools sample ° Refrigerated

2 days ° Enzyme-immunoassay

Enclose the specific clinical information form (R29-INTGB : Functional Coprology)
Use : small pot

Campylobacter - IgG serology - serum

CAMP

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

1 week ° Enzyme-immunoassay

Candida albicans - confirmation serology - serum — CANDC

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

3 days ° Immuno-electrophoresis

Candida albicans - screening serology - serum — CAND

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

5 days ° Indirect enzyme immunology and haemagglutination

If positive, the confirmation test is automatically performed.

Candida - Mannane antigen - serum — CANAG

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

2 weeks ° Enzyme-immunoassay

Cannabidoïdes - dosage - plasma — CANS

2mL 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)
[To be translated]

Cannabidoïdes - dosage - urines — CANU

2mL urines ° Refrigerated

4 days ° LC-MS/MS

[To be translated]

Tube for urine sample (4mL)-T28

Cannabis - hair — CANCH *

40 mg of hair ° 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.
[To be translated]

Carbamazepine - serum — CARB *

1mL Serum ° Refrigerated

1 day ° PETINIA immunoturbidimetric technique

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
Not to be confused with oxcarbazepine
Always take at the same time at the residual rate before a new dose

Carbohydrate-deficient transferrin - control - alternative method - serum — CDTC *

1mL Serum ° Refrigerated

8 days ° Nephelometry

Do not use plasma

Carbohydrate-deficient transferrin - serum — CDT *

1mL 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).

Cardiogenetic exome — EXOC

5mL 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

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Trio whole exome sequencing assay requires an EDTA whole blood sample for each parent (mother and father)
If the sample is transported at room temperature, the sample must reached our facility within 4 days. in case of longer transport time, please send the sample in refregirated condition.
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

CAR - index - Saliva

CAR *

[Indéfinie] 0,5 mL saliva T0
0,5 mL saliva T30 ° FROZEN

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

Saliva samples are taken. The first sample is taken 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. The collection protocol is described in the leaflet accompanying the sampling kit.
Order two K5 kits

K5: Sample kit-Saliva

Carnitine free and total - plasma

CARTL *

4mL Heparin Plasma ° FROZEN

2 weeks ° Tandem mass spectrometry (MS/MS)

Enclose the specific clinical information form (R26-INTGB : Metabolic Biochemistry)
Sample in a fasting state (for infants, draw sample 3-4 hours after bottle)
Sample to be frozen within 1 hour. Home sampling is not advisable.
1 individual aliquot for this analysis.

Carnitine free and total - urines

CARNU *

[Indéfinie] 5 mL morning urine - micturition + 4 mL heparinised plasma (prohibit use of tubes with separator) ° FROZEN

1 month ° Tandem mass spectrometry (MS/MS)

Enclose the specific clinical information form (R26-INTGB : Metabolic Biochemistry)
Sample in a fasting state (for infants, draw sample 3-4 hours after bottle)
Sample to be frozen within 1 hour. Home sampling is not advisable.
Plasma carnitin must be imperatively performed in parallel for the urine carnitnin level

Carotenoids

CAROT *

2mL Lithium heparin plasma (stored away from light) (tubes with gel separators are prohibited) ° FROZEN

3 weeks ° HPLC - High Performance Liquid Chromatography

Sample to be frozen within 1 hour. Home sampling is not advisable.
1 individual aliquot for this analysis.

Carpipramine - Serum — CARPI *

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

15 days ° Liquid chromatography / Tandem mass spectrometry (LC-TMS/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

Catecholamines - free - Urine — CATU

1tube(s) Homogenized 24H urine ° FROZEN

4 days ° LCMS/MS

Code reserved for adults from 18 years old (see specific code for children).
1 individual aliquot 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.
Do not transmit pot

Tube for urine sample (4mL)-T28

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

5mL EDTA whole blood ° Ambient temperature

30 days ° RT - PCR

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

1mL Serum ° FROZEN

2 weeks ° Radioimmunoassay

CCND1 status - whole blood — CCND1 *

mL EDTA whole blood ° Ambient temperature

30 days ° PCR

CDG Syndrome - screening - serum — CDGX *

1mL Serum ° FROZEN before sending

4 weeks ° HPLMC/isoelectric focusing

CEA - Carcinoembryonic antigen - aspiration biopsy — CEAD *

1mL 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.

CEA - Carcinoembryonic antigen - serum — CEA *

1mL 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.

Cefazolin - Serum — CEFA *

2mL 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 *

2mL Serum ° FROZEN

1 week ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot 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 *

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

1 week ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot 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 *

2mL 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)
1 individual aliquot for this analysis.

Ceftriaxone - CSF

CEFTL *

1mL 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 *

2mL 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 (R13-INTGB : Medication quantification)
Specify the pathology, time of sample and time of administration: residual levels (just before administration)
1 individual aliquot for this analysis.

Celiprolol - serum

CELIP *

3mL Serum ° FROZEN

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Cereals Panel - specific IgE — PANCE

2mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

Certolizumab - serum — CERTO *

1mL Serum ° FROZEN

3 weeks ° Enzyme-immunoassay

Always draw blood at the same time before another administration

Ceruloplasmin - serum — CER *

1mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

ALWAYS specify the patient's age and gender

CH50 - Total haemolytic complement — CH50 *

1mL serum ° FROZEN

1 day ° Analytical immunology

Sample to be frozen within 1 hour. Home sampling is not advisable.

Chikungunya - direct diagnosis - PCR — CHKBM

1mL EDTA plasma, serum ° Refrigerated

4 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 S14UK transport bag is Mandatory.
From 1 May to 30 November 2023, the whole of mainland France will be under enhanced surveillance.

K1: Virus screening kit by culture or PCR

Child food allergy panel - specific IgE — PANAE

2mL 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

2mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

Chitotriosidase - activity — CHITO *

2mL EDTA plasma ° FROZEN

1 month °

1 individual aliquot for this analysis.

Chlamydia pneumoniae - direct diagnosis - PCR — CHPBM

1mL 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

The use of the 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 they are, in sterile bottles, without transport medium.

K1: Virus screening kit by culture or PCR

Chlamydia pneumoniae - IgG/IgM serology - serum — CHPN

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

3 days ° Enzyme-immunoassay

Chlamydia psittaci - IgA serology - serum — PSITA

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

5 days ° Immunofluorescence

On specific request

Chlamydia psittaci - IgG serology (1st intention) - serum — PSIT

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

5 days ° Indirect immunofluorescence

Chlamydia trachomatis - Detection by molecular amplification — TRABM *

[Indéfinie] 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 : first morning urines at ambient temperature ° Ambient temperature

3 days ° Molecular biology

K11: Kit for Chlamydia trachomatis and/ or Neisseria gonorrhoeae APTIMA for urethral and endocervical samples
K12: Kit Chamydia trachomatis and/or Neisseria gonorrhoeae APTIMA pour urine samples:
In the absence of APTIMA K12 medium: Send a sterile urine container without additive.
REQUIRE jars to be fitted with an integrated transfer needle or cannula.
K14: Kit Chlamydia trachomatis and/or Neisseria gonorrhoeae APTIMA for self sampling (vaginal, anal and pharyngeal).
Kit K11: Only the blue tipped collection swab should be placed in the APTIMA medium. Carefully cut the swab tip at the cutting line before closing the swab sample transport tube (airtight). Kit K12: the
urine should be transferred into the urine APTIMA specimen transport in less than 24 hours (2 mL). Biopsy samples should place immediately into a K11 APTIMA or an M4RT transport medium.
Do not use K1 KITS (NEST medium)

Chlamydia trachomatis - IgA serology - serum — TRACA *

1mL 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 *

1mL 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

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

5 days ° Immunofluorescence

Test not recommended for STD screening
On specific request

Chlordecone - Serum — CHLOS

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

2 weeks ° Liquid chromatography / Tandem mass spectrometry (LC-TMS/MS)

Chlordiazepoxide - Serum — LIBX *

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

10 days ° HPLC - High Performance Liquid Chromatography / DAD

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Chlorophenol - urine — CPHEN *

10mL urine sample ° Refrigerated

1 month ° HPLC - High Performance Liquid Chromatography / UV detection

Sample at end of work shift

T9 : Urine flasks 70 ml

Chloroquine - Serum — CHLOQ *

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

10 days ° HPLC - High Performance Liquid Chromatography / UV detection

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Chlorpromazine - Serum — LARG *

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Cholestanol - plasma — CHOST *

2mL Heparin Plasma ° FROZEN

5 weeks °

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

Cholesterol lecithine acyltransferase - serum

LCAT *

2mL Serum ° FROZEN

6 months ° Immunoenzymatic method

Sample to be frozen within 1 hour. Home sampling is not advisable.
Mandatory: please ensure you enclose together with your request form:
- Patient¿s lipid profile and/or the patient¿s closest relatives¿ lipid profile if appropriate.
- Médical history
- Clinical context and reason for prescription
- Prescribing doctor¿s details (name, address etc.)
2 specific aliquots for this analysis

Cholinesterase - Enzymatic activity - serum

CHOLI *

1mL Non haemolysed serum ° Refrigerated

1 day ° Enzymatic activity by colorimetric kinetics

1 individual aliquot for this analysis.
Plasma with sodium fluoride refused (inhibits cholinesterase)

Chromium

CRST *

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

2 weeks ° ICP/MS

1 specific aliquot for this analysis

T4 : Sodium Heparin tube

Chromium - urines

CRU *

10mL End of shift urine ° Refrigerated

21 days ° ICP/MS

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

T9 : Urine flasks 70 ml

Chromogranin A - Serum

CHRA *

1mL Serum ° FROZEN

2 days ° Enzyme-immunoassay

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

Chromosome breakage - Fanconi anaemia - breakage screen - whole blood - postnatal — MOHC3

5mL Heparin whole blood ° Ambient temperature

10 days ° Chromosome fragility with mitomycine

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Use the specific form B13 : Cytogenetic
Attach the clinical data
ALWAYS attach the last blood/platelet count results.

S9L: Envelopes yellow for karyotypes LYON

Chymotrypsin — CHYMS *

30g Complete 24 h stool collection in a new, clean, weighted stool container ° Refrigerated

1 month ° Chemistry

Enclose the specific clinical information form (R29-INTGB : Functional Coprology)
Remplir maximum les pots au 2/3 pour éviter une explosion par les gaz de fermentation si le pot est rempli complètement.

T10 : Stool container 1l

Cibenzoline - Serum — CIBEN *

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

2 weeks ° HPLC - High Performance Liquid Chromatography

1 individual aliquot for this analysis.
Always draw blood at the same time before another administration
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

Ciprofloxacin - Serum — CIPRO *

2mL 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 (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.
Always specify the clinical context : efficiency or toxicity

Circulating anticoagulant - screening - plasma

TCAOP *

2mL Citrated Plasma ° FROZEN before sending

1 day ° Chronometric method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
1 individual aliquot 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.

Circulating immune complexes - CIC - serum

CIC

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

7 days ° Enzyme-immunoassay

Cisplatin - serum

CISPL *

1mL Serum ° Refrigerated

3 weeks ° Atomic absorption

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
For the free form assay, please contact your Customer Service

Citalopram - serum

CITA

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot 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.

Citric acid - seminal plasma

CITSP

1mL 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 - serum — CIT *

1mL Serum ° FROZEN

10 days ° Chemistry - Spectrophotometry

Citric acid - Urines — CITU

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

Tube for urine sample (4mL)-T28

Citrulline — CITRP

1mL 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)
Sample in a fasting state (for infants, draw sample 3-4 hours after bottle)
Sample to be frozen within 1 hour. Home sampling is not advisable.
1 individual aliquot for this analysis.
Not to be confused with anti-citrullinated peptide antibodies

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

Paraffin-embedded tumor block or paraffin slides ° Ambient temperature

CKIT gene - isolated — 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

Sample must be refrigerated if transport is > 48 hours
Samples to be collected from Monday to Wednesday
Use the specific request form B8-INTGB: Malignant blood disorders
Attach:
- the results of the FBC - platelets
- the myelogram report

S9L: Envelopes yellow for karyotypes LYON

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

5mL EDTA whole blood ° Ambient temperature

20 days ° PCR-SSP

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
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.biomnis.com together with the patient request form

Class I HLA - HLA-A and HLA-B genotyping - whole blood — HLA1 *

5mL EDTA whole blood ° Ambient temperature

5 days ° PCR SSO : Technologie Luminex®

.
According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Sample must be refrigerated if transport is > 48 hours
Enclose the specific B12-INTGB request form: Molecular Genetics

Class II HLA - HLA-DQ and HLA-DR genotyping - whole blood — HLA2 *

5mL EDTA whole blood ° Ambient temperature

10 days ° PCR SSO : Technologie Luminex®

.
According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Sample must be refrigerated if transport is > 48 hours
Enclose the specific B12-INTGB request form: Molecular Genetics

Clindamycin - Serum — CLIND *

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

1 week ° Microbiological method

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

Clobazam - Serum — CLOB *

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

2 weeks ° GCMS

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.
Always draw blood at the same time before another administration

Clomipramine - Serum — CLOMI *

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

2 weeks ° GCMS

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.
Always draw blood at the same time before another administration

Clonazepam - Serum — CLON *

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

2 weeks ° LCMS

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.
Always draw blood at the same time before another administration

Clorazepate - Serum — CLORA *

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

10 days ° HPLC - High Performance Liquid Chromatography / DAD

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Clostridium difficile - Glutamate dehydrogenase (GDH) screening (+toxins)-stool — GDH

Fresh stool specimen ° Refrigerated

1 day ° Enzyme-immunoassay

.
Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology
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

Clostridium difficile - toxins-screening by PCR — CLOBM

soft stools ° Refrigerated

1 day ° Molecular biology

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

S14: Special mycobacteria transport bags are to be used

Clotiazepam - serum — COLZP *

2mL Serum ° FROZEN

10 days ° HPLC - High Performance Liquid Chromatography / DAD

Do not use tubes with phase separator
1 individual aliquot 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

Cloxacillin - Serum — CLOXA *

2mL 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)

Clozapine — CLOZA

0.5mL lithium heparin plasma (do not use tubes with separator gel) ° Refrigerated

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.
Always draw blood at the same time before another administration
The following examinations can be performed on the same sample: Aripiprazole; Clozapine; Haloperidol; olanzapine; Quétiapine; Rispéridone.

CMML NGS panel (Chronic Myelomonocytic Leukemia) - (23 Genes) MYSMO

2 x 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

Sample must be refrigerated if transport is > 48 hours
Samples to be collected from Monday to Wednesday
Use the specific request form B8-INTGB: Malignant blood disorders
[To be translated]

S9L: Envelopes yellow for karyotypes LYON

Cobalt COST

3mL Sodium heparin whole blood (do not use gel separator tubes) ° Refrigerated

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

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

T4 : Sodium Heparin tube

Cobalt - urines COU *

10mL End of shift urine ° Refrigerated

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

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

T9 : Urine flasks 70 ml

Cobicistat - plasma COBIC *

3mL EDTA Plasma centrifuged immediately ° FROZEN

2 weeks ° LCMS

Enclose the specific clinical information form (R6-INTGB : Anti-retroviral medicines)
Sample at T0 (before intake), T+2h and/or 3 h (after intake)

Cocaine - dosage - plasma COCS

2mL 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)
[To be translated]

Cocaine - dosage - urines COCU

2mL urines ° Refrigerated

4 days ° LC-MS/MS

[To be translated]

Tube for urine sample (4mL)-T28

Coenzyme Q10 - CoQ10 - Serum

Q10

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

10 days ° HPLC - High Performance Liquid Chromatography

1 specific aliquot for this analysis

Colchicine - Serum

COLS *

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Cold agglutinins - screening - whole blood

AGF *

5mL EDTA whole blood ° Ambient temperature

2 days ° Gel-filtration

A direct antiglobulin test is automatically performed in addition

Colistin - Serum

COLIS *

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

1 week ° Mass spectrometry (MS)

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

Congenital adrenal hyperplasia - whole blood

CYP2X *

5mL EDTA whole blood ° Ambient temperature

30 days °

Enclose the specific B12-INTGB request form: Molecular Genetics

Connexin 26 and 30 - Gene GJB2 and GJB6 - whole blood

CNX26 *

5mL EDTA whole blood (only) ° Refrigerated

3 months ° Sequencing

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Enclose the specific B12-INTGB request form: Molecular Genetics

Constitutional karyotype - amniotic fluid - prenatal — CLA *

10mL 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

Constitutional karyotype - postnatal — CSG *

5mL Whole blood sodium heparin, lithium heparin, ° Ambient temperature

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

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Use the specific form B13 : Cytogenetic
Stability 4 days room temperature
.

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

Constitutional Molecular Karyotype - SNP ARRAY - Product of conception — SNPFC

Product of conception, aspiration product, placenta, cord, fetal tissue ° Ambient temperature

20 days ° SNP array

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
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 - whole blood — SNPOS

EDTA whole blood ° Ambient temperature

20 days ° SNP array

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Use the specific form B13 : Cytogenetic

S9L: Envelopes yellow for karyotypes LYON

Copper — CU

2mL 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 *

[Indéfinie] 5 mL Serum and 5 mL EDTA plasma ° FROZEN

3 weeks ° ICP/MS

Do not use gel tube

Copper - urine — CUU

1tube(s) 24hr Urine collection ° Refrigerated

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

Specify diuresis

Tube for urine sample (4mL)-T28

Corticosterone - Compound B - serum — COS *

2mL Serum ° Refrigerated

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

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

COR6 *

[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 - evening - saliva

CORSS *

0.5mL Salivette® saliva sample ° FROZEN

2 weeks ° Radioimmunoassay

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 - Serum

CORS *

1mL 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 - morning - saliva

CORSM *

0.5mL Salivette® saliva sample ° FROZEN

2 weeks ° Radioimmunoassay

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 - saliva

CORSA *

0.5mL Salivette® saliva sample ° FROZEN

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

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

K5: Sample kit-Saliva

Cortisol - Compound F - Saliva

CORA4 *

5mL 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 ° Radioimmunoassay

Cortisol - Compound F - serum

COR *

1mL 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.

Cortisone - Compound E - plasma

CORTI *

2mL Heparin Plasma ° Refrigerated

15 days ° HPLC - High Performance Liquid Chromatography

Cortisone - Compound E - urines

CORTU *

1tube(s) 24hr Urine collection ° Refrigerated

15 days ° HPLC - High Performance Liquid Chromatography

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

Tube for urine sample (4mL)-T28

Cotinine - urine

COTI *

1tube(s) Random urine ° Refrigerated

1 day ° Enzyme-immunoassay

Tube for urine sample (4mL)-T28

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

COVGR

1mL Nasopharyngeal swab ° Refrigerated

2 days ° RT - PCR in real time

The use of the S14UK transport bag is Mandatory.
.
Swab samples require the use of a transport medium (viral) supplied in kit K1.

K1: Virus screening kit by culture or PCR

COVID-19 (SARS-CoV-2) IgG serology anti-S — GCOV *

Serum no hémolysed (no 10 mL tube) ° Refrigerated

1 day ° ELISA (Test Novalisa Novatec)

Enclose the specific clinical information form (R57-INTGB)
To be performed during the immunological phase only, from day 7 - day 14 after the appearance of the initial clinical symptoms

COVID-19 (SARS-CoV-2) serology (total Ig) anti-N — SCOVI *

1mL Serum no hémolysed (no 10 mL tube) ° Refrigerated

2 days ° ECLIA(Elecsys Ig totales Cobas Roche)

1 specific aliquot for this analysis
Enclose the specific clinical information form (R57-INTGB)
To be performed during the immunological phase only, from day 7 - day 14 after the appearance of the initial clinical symptoms

Cow's milk and protein panel - specific IgE — PANLA

2mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

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

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

3 days ° Immunofluorescence

On specific request

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

1mL 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.

C-peptide 12 time — CPE12 *

1mL 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

C-peptide 13 time — CPE13 *

1mL 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

C-peptide - serum — CPEP *

1mL Serum ° FROZEN

1 day ° EIA

Fasting sample

C-peptide - Urines — CPEPU *

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

1 day ° EIA

Specify diuresis

Tube for urine sample (4mL)-T28

CPK - Creatine phosphokinase - isoenzymes - serum — ICK

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

7 days ° Electrophoresis

Not to to be performed on haemolysed sample

CPK - Creatine phosphokinase MB - serum — CKMB *

1mL Serum ° Refrigerated

1 day ° CMIA

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

CPK - Creatine phosphokinase total - serum — CK *

1mL Non haemolysed serum ° Refrigerated

1 day ° Enzymatic activity

Creatinine - clearance — CLCRE *

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

1 day °

Specify diuresis

Creatinine With 24 hours urine volume - urine — CRU24 *

1tube(s) 24hr Urine collection ° Refrigerated

1 day ° Chemistry - Spectrophotometry

Tube for urine sample (4mL)-T28

Creatorrhoea - faecal nitrogen dosage - stool

CRETO *

[Indéfinie] Total of 24 hour stool samples ° Refrigerated

2 days ° Infrared SpectroPhotometry (NIRS)

Enclose the specific clinical information form (R29-INTGB : Functional Coprology)
Collection of 24-, 48- or 72-hour stool samples.
If collection over 2 or 3 days, send all samples in one shipment.
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

CROSS *

1mL serum not aemolysed ° FROZEN

1 day ° Electrochemiluminescence

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

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

2 weeks ° Enzyme-immunoassay

Fasting sample
The urinary creatinine will be tested systematically on the same sample (SFBC recommendations). The sampling method chosen must be retained in repeat prescriptions

Tube for urine sample (4mL)-T28

CRP - C-reactive protein - serum

CRP *

1mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

CRP - C-reactive protein - ultrasensitive - serum

CRPUS *

1mL Serum ° Refrigerated

2 days ° Turbidimetry

Cryofibrinogen - screening

CRYFB *

2mL 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 *

4mL Serum (do not use tubes with separator gel) ° Refrigerated

2 days ° Immunofixation

Fasting sample
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 *

4mL Serum (do not use tubes with separator gel) ° Refrigerated

10 days ° Cryoprecipitation

Fasting sample
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 *

1mL Serum, CSF, BAL or urine ° Refrigerated

3 days ° Agglutination of sensitised latex beads

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

S14: Special mycobacteria transport bags are to be used

Cryptosporidia - screening

CRYPS *

Fresh stool specimen ° Refrigerated

1 week ° Microspcopy exam after modified Ziehl-Neelsen staining

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

S14: Special mycobacteria transport bags are to be used

Cryptosporidies - Microsporidies - direct diagnosis - PCR

MCRBM

Stools
Digestive biopsies ° Refrigerated

7 days ° PCR

The use of the S14UK transport bag is Mandatory.
Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology
Biopsies should be placed in a sterile tube with a drop of sterile physiological water.

CSF

ACPIL *

1mL CSF ° Refrigerated

45 days ° Immunofluorescence

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

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.

CXCR4 mutation — CXCR4 *

EDTA bone marrow or DNA extracted (200ng of DNA minimum) ° Ambient temperature

1 month ° RT - 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

Cyamemazine - Serum — TER *

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.
Always draw blood at the same time before another administration

Cyclohexanol - urine — HEXAU *

10mL urine sample ° Refrigerated

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

Sample at end of work shift

T9 : Urine flasks 70 ml

Cycloserine - Serum — CYSER *

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

1 week ° Microbiological method

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

Cyclosporin — CICLO

1mL Sang total EDTA ° Refrigerated

4 days ° LCMS/MS

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
ALWAYS specify "Residual or 2 hours after administration"
Do not use heparin

Cyfra 21-1 antigen - aspiration biopsy — CYFD *

1mL 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.

Cyfra 21-1 antigen - serum — CYF *

1mL 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.

Cystatin C - serum — CYS *

1mL Serum ° Refrigerated

2 days ° Nephelometry

Cysticercosis - confirmation serology — TENAC

1mL Serum (no 10 mL tube) or CSF ° Refrigerated

7 days ° Western-Blot

Cysticercosis - confirmation serology - CSF — TENAD

1mL CSF ° Refrigerated

7 days ° Western-Blot

Cysticercosis - Taenia Solium - IgG serology - serum — TAE

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

1 week ° Enzyme-immunoassay

If positive, the confirmation test is automatically performed.

Cystic Fibrosis - CFTR gene - detection of 51 mutations — MUCOL

Fresh or cultured amniotic fluid, fresh or cultured trophoblast ° Ambient temperature

1 week ° Elucigen method CF EU2V1 or sequencing

5 ml of whole blood on EDTA from each parent (quotation on request) is required to perform this test
According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Enclose the specific clinical information form (R23-INTGB : Cystic fibrosis gene analysis (CFTR gene))

Cystic fibrosis - CFTR gene - detection of 51 mutations - whole blood — MUCO

5mL EDTA whole blood (only) ° Ambient temperature

10 days ° Elucigen method CF EU2V1 or sequencing

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
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
Le dépistage préconceptionnel de la mucoviscidose ne peut être réalisé car interdit en France.

Cystine - urine — CYSTU

3mL 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
Sample to be frozen within 1 hour. Home sampling is not advisable.
The urine creatinine level, essential information for the result interpretation, is systematically performed

Tube for urine sample (4mL)-T28

Cytomegalovirus - CMV - - direct diagnosis - PCR — CMVBM

[Indéfinie] Whole blood or plasma (EDTA), serum, urine only in infants < 3 weeks: Quantitative result
Bronchial secretions, 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

.
The use of the 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 they are, in sterile bottles, without transport medium.

K1: Virus screening kit by culture or PCR

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

8mL amniotic fluid ° Refrigerated

3 days ° Real-time PCR

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

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

1mL Serum ° Refrigerated

2 days ° EIA

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

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

1mL Serum ° Refrigerated

2 days ° ECLIA

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

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

1mL Serum ° Refrigerated

2 days ° EIA

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

D4A - Delta-4-Androstenedione — D44 *

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

2 days ° Radioimmunoassay

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

1mL Serum ° Refrigerated

2 days ° Radioimmunoassay

Dabigatran - Measurement of the Dabigatran anti Iia activity - plasma

DABI *

1mL Citrated Plasma ° FROZEN

1 day ° Chronometric method

Sample to be frozen within 1 hour. Home sampling is not advisable.
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.

Darunavir - Serum

DARU *

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

3 weeks ° LCMS

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

D-Dimers - plasma

DDI *

1mL Citrated Plasma ° FROZEN

1 day ° Immuno turbidimetry

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

Debranching enzyme (GSD III) - whole blood

GSD3 *

2mL EDTA whole blood ° Ambient temperature

3 weeks °

delta-Aminolevulinic acid - urine

ALAU *

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

3 weeks ° Chromatography - Colorimetry

T9 : Urine flasks 70 ml

Dengue fever - direct diagnosis - PCR — DENBM

1mL EDTA plasma, serum ° Refrigerated

4 days ° Real-time PCR

Enclose the specific clinical information form (R28-INTGB : Dengue-Chikungunya-West Nile-Zika)
The use of the S14UK transport bag is Mandatory.
From 1 May to 30 November 2023, the whole of mainland France will be under enhanced surveillance.

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

8mL amniotic fluid ° Refrigerated

3 days ° Real-time PCR

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

Dengue fever - IgG/IgM serology - serum — DENG

1mL 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 - NS1 antigen - serum — DENAG

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

1 day ° Immuno chromatography

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

Density - urine — DENSU *

1tube(s) Sample urine ° Refrigerated

2 days ° Automated colorimétrique band reading (Siemens)

1 individual aliquot for this analysis.

Tube for urine sample (4mL)-T28

Designated bacterium - direct diagnosis - PCR — BACBM *

[To be translated] ° Refrigerated

1 week ° Real-time PCR

Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology

S14: Special mycobacteria transport bags are to be used

Detection and identification bacterial DNA - 16S PCR by NGS sequencing — PCRUN

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

8 days ° NGS sequencing

The use of the S14UK transport bag is Mandatory.

Dextropropoxyphene - urine — PROPU *

1tube(s) urine ° Refrigerated

2 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)

Tube for urine sample (4mL)-T28

DHEA - Dehydroepiandrosterone — DHA4T *

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

3 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

DHEAS - Dehydroepiandrosterone sulfate — SDHA *

1mL serum ° Refrigerated

1 day ° Chemiluminescence or luminescence

1 individual aliquot 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.

DHPR - activity - blotting paper — DHPRX *

Guthrie card only ° Ambient temperature

3 weeks °

DHT - Dihydrotestosterone — DH3T *

3mL 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 - serum — DHT *

3mL Serum ° Refrigerated

6 days ° Chromatography - Extraction - Radioimmunoassay

Diamine oxydase (DAO) - activity - serum — DAO

1mL Non haemolysed serum ° FROZEN

2 weeks ° Enzyme-immunoassay

Diazepam + desmethyldiazepam - Serum — DIAZ *

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

2 weeks ° GCMS

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Dibekacin - Serum — DIBE *

2mL 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)

Dichloromethane - urine

DCMU *

10mL urine sample ° Refrigerated

3 weeks ° Gas Phase Chromatography / electron captors

Glass container with PTFE stopper, supplied upon request

T18 : Glass flask, PFTE lid for organic solvents detection - urine

Dichloromethane - whole blood

DCM *

5mL EDTA whole blood or Heparin ° Refrigerated

3 weeks ° 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

Digoxine par immunoturbidimétrie (Abbott) - Sérum

DIGO *

1mL Sérum ou plasma ° FROZEN

1 day ° Kinetic interaction of microparticules in solution (KIMS)

1 specific aliquot for this analysis
Enclose the specific clinical information form (R13-INTGB : Medication quantification)
Always draw blood at the same time before another administration

Diltiazem - serum

DILTI *

2mL Serum ° FROZEN

1 week ° HPLC - High Performance Liquid Chromatography / UV detection

Do not use tubes with phase separator
1 individual aliquot 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

Diphtheria - immunity test - IgG serology - serum — DIPH

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

7 days ° Enzyme-immunoassay

Dipyridamole - Serum — DIPYR *

2mL 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

Direct LDL cholesterol - serum — LDL *

1mL Non haemolysed serum ° Refrigerated

1 day ° Chemistry - Spectrophotometry

Fasting sample
As part of a disrupted lipid abnormality analysis

Disopyramide - serum — DISO *

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

2 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Distomatosis - confirmation serology - serum — DISTC

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

4 days ° Western-Blot

Distomatosis - screening serology - serum — DISTO

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

3 days ° Haemagglutination

If positive, the confirmation test is automatically performed.

Diuretics - screening and dosage - urine — RDIU *

15mL urine sample ° Refrigerated

2 weeks ° HPLC - High Performance Liquid Chromatography / DAD

T9 : Urine flasks 70 ml

D-lactate - urines — DLACX *

10mL Urines ° FROZEN

2 weeks °

DNA fragmentation test - DNA decondensation - SCSA - Sperm — FRASP

300µL 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

T12 : Cryotubes Sperm DNA fragmentation (SCSA)

Dolutegravir - Serum — DOLUT *

3mL 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)

Doravirine — DORAV *

3mL EDTA plasma ° FROZEN

3 weeks ° LCMS/MS

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

Dosulepin - Serum — DOSUL *

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

10 days ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Doxepin - Serum — DOXEP *

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

1 week ° LCMS

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Doxycycline - Serum — DOXY *

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

1 week ° Microbiological method

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

Droperidol - serum — DROPE *

2mL Serum ° FROZEN

2 weeks ° Liquid chromatography / Tandem mass spectrometry (LC-TMS/MS)

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Drugs - dosage - plasma — DROGS

2mL 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)
[To be translated]

Drugs - dosage - urines

DROGU

2mL urines ° Refrigerated

4 days ° LC-MS/MS

This dosage includes amphetamines, cannabinoids, cocaine and opiates.
[To be translated]

Tube for urine sample (4mL)-T28

Duchenne's muscular dystrophy - whole blood

MDUCH *

5mL EDTA whole blood ° Ambient temperature

30 days ° MLPA

Attach consent

Duloxetine - serum

DULO

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot 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.

ECA - Enzyme de Conversion de l'Angiotensine (activité Buhlmann Alinity® Abbott) - serum

ECA *

1mL Non haemolysed serum ° Refrigerated

2 days ° Chemistry - Spectrophotometry

Do not use plasma (particularly EDTA)
Prélever à jeun de préférence

Echinococcosis - confirmation serology - serum

HYDWB

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

4 days ° Western-Blot

Echinococcosis - screening serology - serum

HYD

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

4 days ° Enzyme-immunoassay + haemagglutination

If positive, the confirmation test is automatically performed.

ECP - Eosinophil Cationic Protein — ECP

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

1 week ° Fluorescent enzyme-immunoassay

Prohibit use of haemolysed serum
Turn the tube over several times without stirring or centrifuging.
Leave to coagulate for 60 to 120 minutes at room temperature (22°C +/-1°C)
Centrifuge at 1000-1300 g for 10 min at room temperature.

Transfer the serum into a new tube and freeze.
The type of tube used for the sample, coagulation time and temperature should be perfectly monitored because these parameters affect the concentration of the ECP released into serum samples.

Eczema profile - specific IgE — PROEC

2mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

Efavirenz — EFAV *

3mL EDTA Plasma ° FROZEN

3 weeks ° HPLC - High Performance Liquid Chromatography

Sample at TO (before intake) T1H and T3H (after intake)
Enclose the specific clinical information form (R6-INTGB : Anti retroviral treatment)

Egg panel - specific IgE — PANOE

2mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

Elastase - stool — ELASS *

20g Stool sample ° Refrigerated

3 days ° Enzyme-immunoassay

Enclose 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.

Electrolytes stool - stool

IONSP *

[Indéfinie] Total of 24 hour stool samples ° Refrigerated

7 days ° Na-K: ICP-OES (Inductively Coupled Plasma Optical Emission Spectrometry)

Enclose the specific clinical information form (R29-INTGB : Functional Coprology)
Collection of 24-, 48- or 72-hour stool samples.
If collection over 2 or 3 days, send all samples in one shipment.

T10 : Stool container 1l

Elvitegravir - Serum

ELVET *

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

2 weeks ° LCMS

Enclose the specific clinical information form (R6-INTGB : Anti-retroviral medicines)
Sample at T0 (before intake), T+2h and/or 3 h (after intake)

Emtricitabine - plasma

EMTRI *

3mL EDTA Plasma centrifuged immediately ° FROZEN

3 weeks ° HPLC - High Performance Liquid Chromatography

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

Entecavir - plasma

ENTKV *

2 EDTA Plasma ° FROZEN

3 weeks ° HPLC - High Performance Liquid Chromatography

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

Enteropathogenic Escherichia coli - various specimen

STYPB *

Various types of specimen ° Refrigerated

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

S14: Special mycobacteria transport bags are to be used

Enterovirus - direct diagnosis - PCR — COXBM

[Indéfinie] 1 ml CSF, rhinopharynx/throat, respiratory samples, mucocutaneous samples, eye samples, stools. ° Refrigerated

1 day ° Real-time PCR

The use of the 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 they are, in sterile bottles, without transport medium.

K1: Virus screening kit by culture or PCR

Enterovirus - direct diagnosis - PCR - amniotic fluid — COXLA

8mL amniotic fluid ° Refrigerated

3 days ° Real-time PCR

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

Epidermal growth factor (EGF) - serum — EGF

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

21 days ° Chemiluminescence

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

[Indéfinie] Bronchial secretions, 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

.
The use of the 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 they are, in sterile bottles, without transport medium.

K1: Virus screening kit by culture or PCR

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

8mL amniotic fluid ° Refrigerated

3 days ° Real time TaqMan PCR

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

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

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

1 week ° CLIA

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

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

1 week ° Chemiluminescence

Epstein-Barr Virus - EBV - MNI test - serum — MNI *

1mL 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.

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

1mL Serum ° Refrigerated

2 days ° EIA

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

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

1mL Serum ° Refrigerated

1 day ° EIA

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

1mL Serum ° Refrigerated

2 days ° EIA

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

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

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

3 days ° Real-time PCR

.
The use of the S14UK transport bag is Mandatory.

Erythrocyte direct Coombs - whole blood — COOMD *

1mL EDTA whole blood ° Refrigerated

1 day ° Direct antiglobulin test using gel-filtration technique

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

Erythrocyte fatty acids - chromatography - Total EDTA blood — GRASE *

5mL Total EDTA blood ° Refrigerated

21 days ° Gas Phase Chromatography

1 individual aliquot for this analysis.

Erythrocyte folic acid - whole blood — FOLE *

2mL EDTA whole blood ° Refrigerated

1 day ° Chemiluminescence

Fasting sample

Erythrocyte lithium - whole blood — LIE *

2mL EDTA whole blood ° Refrigerated

4 days ° Spectrometry

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
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

Erythrocyte magnesium - whole blood — MGE *

3mL Heparin whole blood (stored away from light) ° Refrigerated

4 days ° Spectrometry

Erythrocyte metformin - whole blood METFE *

5mL Heparin whole blood ° Refrigerated

2 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)

Erythrocyte porphyrins POE *

10mL 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

Erythrocyte pyruvate kinase - whole blood PKE *

5mL ACD whole blood ° Refrigerated

2 weeks ° Spectrophotometry

1 individual aliquot for this analysis.
do not collect before the age of 1 year

T16: ACD tube (provided on request)

Erythrocytes morphological aspect SCHIZ

1 Non-stained thin blood smears ° Ambient temperature

1 day ° Microscopy

Erythropoietin - serum ERY *

1mL Serum ° FROZEN

1 day ° Chemiluminescence

Collect sample the morning between 7.30 and 12am recommended
Do not use EDTA, haemolysed samples

Escitalopram - serum ESCIT *

2mL Serum ° FROZEN

15 days ° High-performance liquid chromatography / Spectrometry

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
.
1 individual aliquot for this analysis.

Estazolam - Serum

ESTAZ *

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

2 weeks ° HPLC - High Performance Liquid Chromatography / DAD

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Etanercept - serum

ETAN *

1mL Serum ° FROZEN

3 weeks ° Enzyme-immunoassay

Always draw blood at the same time before another administration

Ethambutol - Serum

ETHM *

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

1 week ° UHPLC-ESI/MS

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.

Ethosuximide - serum

ETHO *

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

5 days ° LCMS/MS

Enclose the specific clinical information form (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 *

10mL urine sample ° Refrigerated

2 weeks ° Gas Phase Chromatography / FID detection

Sample at end of work shift

T9 : Urine flasks 70 ml

Ethyl alcohol — ETHU *

1tube(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.

Tube for urine sample (4mL)-T28

Ethyl alcohol - serum — ALCOL *

1mL Serum ° Refrigerated

1 day ° Chemistry - Spectrophotometry

No disinfection of sampling point with alcohol

Ethylene glycol - serum — EGLY *

5mL Serum ° FROZEN

10 days ° Gas Phase Chromatography / FID detection

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

Ethyl glucuronide — ETGLU *

2mL urines ° Refrigerated

1 week °

[To be translated]

Ethyl loflazepate - serum — LOFLA *

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

Variable TAT ° HPLC - High Performance Liquid Chromatography

1 individual aliquot 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

Etravirine — ETRAV *

3mL EDTA Plasma ° FROZEN

3 weeks ° LCMS/MS

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

Everolimus — EVERO

1mL Sang total EDTA ° Refrigerated

4 days ° LCMS/MS

1 specific aliquot for this analysis
Enclose the specific clinical information form (R13-INTGB : Medication quantification)

exome — EXOME

5mL 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 segone for

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Trio whole exome sequencing assay requires an EDTA whole blood sample for each parent (mother and father)
If the sample is transported at room temperature, the sample must reached our facility within 4 days. in case of longer transport time, please send the sample in refregirated condition.
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

Exome Congenital heart defects EXMCC

50mL 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

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Trio whole exome sequencing assay requires an EDTA whole blood sample for each parent (mother and father)
If the sample is transported at room temperature, the sample must reached our facility within 4 days. in case of longer transport time, please send the sample in refregirated condition.
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 Isolated or syndromic intellectual disability and syndromic neurodevelopmental disorder EXODI

5mL 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

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Trio whole exome sequencing assay requires an EDTA whole blood sample for each parent (mother and father)
If the sample is transported at room temperature, the sample must reached our facility within 4 days. in case of longer transport time, please send the sample in refregirated condition.
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 Panel for chronic and hereditary pancreatitis — EPANC

5mL 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

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Trio whole exome sequencing assay requires an EDTA whole blood sample for each parent (mother and father)
If the sample is transported at room temperature, the sample must reached our facility within 4 days. in case of longer transport time, please send the sample in refregirated condition.
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

Exome sequencing - Male infertility - Screening for mutations involved in male infertility — EXOI

5mL 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

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Trio whole exome sequencing assay requires an EDTA whole blood sample for each parent (mother and father)
If the sample is transported at room temperature, the sample must reached our facility within 4 days. in case of longer transport time, please send the sample in refregirated condition.
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 with interpretation interface — EXSEQ

5mL 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

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Trio whole exome sequencing assay requires an EDTA whole blood sample for each parent (mother and father)
If the sample is transported at room temperature, the sample must reached our facility within 4 days. in case of longer transport time, please send the sample in refregirated condition.
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

Exotic fruits and latex panel - specific IgE — PANFE

2mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

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

5mL 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 Twist, Seq Illumina 2x150 Novaseq 6000. Perf: #

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.
According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
If the sample is transported at room temperature, the sample must reached our facility within 4 days. in case of longer transport time, please send the sample in refregirated condition.
In case of urgent collection, please inform us when sending.
Use the B67 application form

Extended phenotype — FENO *

5mL EDTA whole blood (do not use tubes with separator gel) ° Refrigerated

1 day ° Gel Filtration or Immunocapture method

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.

Factor B - complement fraction - serum — C3ACT *

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

1 week ° Nephelometry

Factor H - complement fraction - serum — FACH *

2mL Serum ° FROZEN

10 days ° Radial immunodiffusion

1 individual aliquot for this analysis.
Collect on dry tube without gel separator

Factor I - complement fraction - serum — FACI *

2mL Serum ° FROZEN

4 to 6 weeks ° Radial immunodiffusion

1 individual aliquot for this analysis.

Factor I - Fibrinogen - activity - plasma — FIBRI *

2mL 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.

Factor I - Fibrinogen - antigen - plasma

IMFIB *

1mL 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.

Factor II - Prothrombin - activity - plasma

FAC2 *

2mL 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 II - Prothrombin - G20210G>A mutation - whole blood

F2M

5mL EDTA whole blood (only) ° Ambient temperature

5 days ° LAMP PCR

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Sample must be refrigerated if transport is > 48 hours
Enclose the specific B12-INTGB request form: Molecular Genetics

Factor IX - Antihaemophilic B - plasma

FAC9 *

2mL 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 VIII - Antihaemophilic A - plasma

FAC8 *

2mL 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 VII - Proconvertin - plasma

FAC7 *

2mL 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 Leiden - p.Arg506Gln mutation - whole blood

F5L

5mL EDTA whole blood (only) ° Ambient temperature

5 days ° LAMP PCR

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Sample must be refrigerated if transport is > 48 hours
Enclose the specific B12-INTGB request form: Molecular Genetics

Factor V - Proaccelerin - plasma

FAC5 *

2mL 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 Willebrand protease activity - ADAMTS 13

ADAM *

2mL 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.

Factor XII - Hageman - plasma

FAC12 *

2mL 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 *

1mL Citrated Plasma ° FROZEN

1 week ° Chromogenic method

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
1 individual aliquot for this analysis.
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 *

2mL 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 X - Stuart-Prower - plasma

FAC10 *

2mL 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.

Faecal test -Functional coprology - stool

FECAP *

[Indéfinie] Total of 24 hour stool samples ° Refrigerated

5 days ° Chemistry

Enclose the specific clinical information form (R29-INTGB : Functional Coprology)
Collection of 24-, 48- or 72-hour stool samples.
If collection over 2 or 3 days, send all samples in one shipment.
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

Familial Mediterranean fever - MEFV gene - new generation sequencing - whole blood — FMF

5mL EDTA whole blood ° Ambient temperature

1 month ° New generation sequencing

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Enclose the specific clinical information form (R36-INTGB : Familial Mediterranean Fever gene study)
Sample must be refrigerated if transport is > 48 hours
Enclose the specific B12-INTGB request form: Molecular Genetics

Farmer's lung - confirmation - serum — FERMC

500µL Serum ° Refrigerated

3 weeks ° Immuno-electrophoresis

Screening is mandatory prior to confirmation

Farmer's lung disease - screening - serum — FERM

1mL Serum ° Refrigerated

4 days ° Fluorescent enzyme-immunoassay

If screening is positive, the confirmation test is automatically performed.

Fatty acids essential fatty acids C16 to C22:6 - plasma — GRACX *

2mL EDTA plasma or Heparin plasma ° FROZEN before sending

3 weeks °

Fatty acids free non-esterified - serum — GRAS *

1mL 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 with very long chains - C22 to C26 - plasma — GRALE *

2mL EDTA plasma or Heparin plasma ° FROZEN

2 weeks ° Chromatography - Colorimetry

Sample to be frozen within 1 hour. Home sampling is not advisable.

FDP - fibrinogen and fibrin degradation products - plasma

PDF *

1mL Citrated Plasma ° FROZEN

1 day ° Automated latex immunoassay

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

Felbamate - Serum

FELB *

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

2 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Ferritin glycosylated - serum

FTGLY *

2mL Serum ° Refrigerated

2 weeks ° Enzyme-immunoassay

Sample has to be centrifugated straight after sampling
1 individual aliquot for this analysis.
Centrifuge, decant and keep refrigerated for shipment
Assay performed if serum ferritin level is greater than 100 µg/L
Not to be performed on EDTA plasma

Ferritin - serum

FT *

1mL 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.

Fetal-maternal haemorrhage - whole blood

KLEI *

1mL EDTA whole blood ° Refrigerated

1 day ° Flow Cytometry

1 individual aliquot for this analysis.
[To be translated]

Fetal RH3(E) - genotyping

GRHE *

5mL 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

Fetal RHc - genotyping

GRHC *

5mL 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

FGF23 - Fibroblast Growth Factor 23 - Plasma

FGF23 *

2mL EDTA Plasma (do not use tube with separator) ° FROZEN

4 weeks ° Enzyme-immunoassay

Freeze the sample within 1 hour after sampling

FibroMAX - . - serum

FIMAX *

3mL Non haemolysed serum ° FROZEN

5 days ° Biochemistry

Fasting sample
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

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
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.

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
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.

Fibronectin — FBRON *

1mL EDTA or Citrated Plasma ° Refrigerated

1 day ° Nephelometry

Do not use other sample types

Fibrotest - Actitest - . - serum — FIACT *

2mL Non haemolysed serum ° Refrigerated

5 days ° Biochemistry

Enclose the specific information form R40 INT GB
Fasting sample
Analysis not feasible for patients < 2 years

Fibrotest - . - serum — FIBRO *

2mL Non haemolysed serum ° Refrigerated

5 days °

Enclose the specific information form R40 INT GB
Fasting sample
Analysis not feasible for patients < 2 years

Filariasis - serology - serum

FIL

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

1 week ° Enzyme-immunoassay

FIP1L1-PDGFRA analysis (Molecular biology or FISH) - whole blood

FIPIL *

5mL EDTA whole blood ° Ambient temperature

30 days °

Flecainide - serum

FLECA

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

1 week ° LCMS/MS

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.
Residual level sample (just before administration)

FLT3 Mutation screening - whole blood

MFLT3 *

5mL EDTA whole blood ° Ambient temperature

30 days ° PCR + sequencing

Enclose the specific B12-INTGB request form: Molecular Genetics

Fluconazole - Serum

FLUCO *

2mL 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
1 individual aliquot for this analysis.

Flucytosine - Serum

FLUCY *

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

2 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific information form R8 INTGB anti-fungal agents and anti-tuberculosis drugs
1 individual aliquot for this analysis.

Flunitrazepam - serum

FLUNI *

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

10 days ° HPLC - High Performance Liquid Chromatography / DAD

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Fluorine - Serum

FLUO *

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

2 weeks ° Ionometry

1 individual aliquot for this analysis.
No sampling on glass tubes

Fluorine - urine

FLUOU *

10mL urine ° Refrigerated

3 weeks ° Ionometry

Collect the sample on a plastic container
Indicate on the request form whether it is for Occupational Medicine
Sample at end of work shift

T9 : Urine flasks 70 ml

Fluoxetine - serum

FLUOX

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot 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.

Flupentixol - Serum

FLUPE *

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

2 weeks ° Liquid chromatography / Tandem mass spectrometry (LC-TMS/MS)

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Fluphenazine - Serum

FLUP *

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Fluvoxamine - serum

FLUVO

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.
The following examinations can be performed on the same sample: Citalopram; Duloxetine; Fluoxetine; Fluvoxamaine; Mirtazapine; Paroxetine; Sertraline; Venlaflaxine.

Folic acid - serum

FOL *

1mL Non haemolysed serum ° FROZEN before sending

1 day ° Chemiluminescence

Fasting sample

Formic acid - urine

FORM *

10mL urine sample ° Refrigerated

3 weeks ° Gas Phase Chromatography / FID detection

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

T9 : Urine flasks 70 ml

Fosamprenavir - Serum

FOSAM *

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

3 weeks ° LCMS

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

Fosfomycin - Serum

FOSFO *

2mL 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

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

Fragile X - syndrome - whole blood

XFRA

5mL EDTA whole blood ° Ambient temperature

9 days PCR - 15 days for confirmation by Amplidex PCR ° PCR - PCR Amplidex (confirmation)

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Sample must be refrigerated if transport is > 48 hours
Enclose the specific B12-INTGB request form: Molecular Genetics
Attach the clinical data

Fragment 1+2 - prothrombin - plasma

PT12 *

1mL Citrated Plasma ° FROZEN

1 month ° Enzyme-immunoassay

1 individual aliquot 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.

Free catécholamines

CATF

2mL lithium heparin plasma (do not use tubes with separator gel) ° FROZEN

6 days ° LCMS/MS

Fasting sample
Sample to be frozen within 1 hour. Home sampling is not advisable.
2 specific aliquots for this analysis
blood draw preferentially after a 30-min resting period

Free catécholamines - children - urine

CATEN

2tube(s) Random urine ° FROZEN

4 days ° LCMS/MS

Code reserved for children < 18 years of age (see specific code for adults).
1 individual aliquot for this analysis.
Freeze quickly after the end of the collection.
No need of specific diet anymore.
Do not transmit pot

Tube for urine sample (4mL)-T28

Free cortisol - Compound F - urine

FLU *

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

3 days ° Radioimmunoassay

Specify diuresis

Tube for urine sample (4mL)-T28

Free protein S - antigen - plasma

PSLI *

1mL 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.

Free T3 - Free triiodothyronine - serum

FT3 *

1mL 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 *

1mL 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.

Friedreich ataxia - whole blood

FRIED *

5mL EDTA whole blood ° Ambient temperature

4 weeks ° NOVATEC

Enclose the specific B12-INTGB request form: Molecular Genetics

Fructosamine - serum

FRUC *

1mL Non haemolysed serum ° Refrigerated

1 day ° Chemistry - Spectrophotometry

Fructose - seminal plasma

FRUSP

1mL 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.

FSH - Follicle-stimulating hormone

FSH6T *

1mL 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 7 time

FSH7T *

1mL 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 *

1mL 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 *

1mL 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 - serum

FSH *

1mL Serum ° Refrigerated

1 day ° chimiluminescence (CMIA)

Attach age and period of cycle
Attach the clinical data

FSH - Follicle-stimulating hormone - urines

FSHU *

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

15 days ° Chemiluminescence

This test automatically includes the urine FSH level for children
Specify diuresis

Tube for urine sample (4mL)-T28

Full Neonatal screen - . - blotting paper

DNEX *

Guthrie card only ° Ambient temperature

1 week ° Enzyme-immunoassay

Fungus - Yeasts - identification

MYCID *

Freshly replated colony ° 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

S10: Diagnobox (three layers of sealed packaging)

Fungus - Yeasts - MIC: Minimum Inhibitory Concentration

CMIMY *

Strain ° Ambient temperature

Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology

S10: Diagnobox (three layers of sealed packaging)

Fungus - Yeasts - screening

MYCEX *

[To be translated] ° Refrigerated

1 week, until 1 month if presence of mold, or slow growing fungus °

Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology

S14: Special mycobacteria transport bags are to be used

Furosemide - serum

FUROS *

2mL Serum ° 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.

Furosemide - urine

FUROU *

1tube(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.

Tube for urine sample (4mL)-T28

G6PD - Glucose-6- phosphate dehydrogenase

G6PD *

2mL 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

Gabapentin - serum

GAB

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

2 weeks ° LCMS/MS

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.
Always draw blood at the same time before another administration
The following examinations can be performed on the same sample: Levetiracetam; Gabapentine; Lamotrigine; Oxacarbazepine/10-OH-Carbazepine; Topiramate.

Galactose-1-Phosphate Uridyl transferase - blotting paper

GALBX *

Guthrie card only ° Ambient temperature

2 weeks ° Enzyme-immunoassay

Galactose-1-Phosphate Uridyl transferase - whole blood

GALT *

1mL EDTA whole blood ° Ambient temperature

3 weeks °

Galactose 1-Phosphate - whole blood — GAL1P *

1mL EDTA whole blood ° Ambient temperature

3 weeks °

Galactose - screening - blotting paper — GALBU *

Guthrie card only ° Ambient temperature

10 days ° Atomic absorption

Galctokinase - whole blood — GALK1 *

1mL EDTA whole blood ° Ambient temperature

3 weeks °

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)

Ganciclovir - plasma — GANCI *

2mL Heparin Plasma ° FROZEN

3 to 4 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
Sample to be frozen within 1 hour. Home sampling is not advisable.
1 individual aliquot for this analysis.
Specify in case of kidney failure

Gastrin — GAST6 *

1mL 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.
1 individual aliquot for this analysis.

Gastrin 7 time — GAST7 *

1mL 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

Gastrin - serum — GAST *

1mL Non haemolysed serum ° FROZEN

5 days ° Radioimmunoassay

After fasting period of minimum 10 to 12 hours
1 individual aliquot for this analysis.

Gastrointestinal Panel - direct diagnosis - PCR - Stools — GIP

Stools ° Refrigerated

1 day ° Real-time PCR

The use of the S14UK transport bag is Mandatory.
stool samples must be sent as they are, in sterile bottles.

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.

#VALEURMULTI

Genital ulcérations panel - direct diagnosis - PCR — PUG

Mucocutaneous swab ° Refrigerated

6 days ° Real-time PCR

The use of the S14UK transport bag is Mandatory.
Swab samples require the use of a transport medium (viral) supplied in kit K1.

K1: Virus screening kit by culture or PCR

Génotypage plaquettaire foetal non invasif - Maternal blood — GPFOE *

20mL Maternal blood °

Genotyping of dihydropyrimidine dehydrogenase — 5FUGE

1tube(s) Whole blood on heparin and lithium or whole blood on EDTA (avoid tubes with separator gel) ° Refrigerated

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

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist

Gentamicine - serum — GENT *

1mL Serum ° FROZEN before sending

1 day ° PETINIA immunoturbidimetric technique

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

GHB - Gamma-hydroxybutyric acid - plasma — GHBS *

2mL 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
[To be translated]

GHB - Gamma-hydroxybutyric acid - urines

GHBU *

5mL Urines ° FROZEN

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

Sample to be frozen within 1 hour. Home sampling is not advisable.
1 individual aliquot for this analysis.
[To be translated]
urine samples taken imperatively within 12 hours after the facts

GH - Growth hormone

GH6T *

1mL 1 mL serum T0
1 mL serum T1 ° FROZEN

2 days ° Electrochemiluminescence

GH - Growth hormone 10 time

GH10T *

1mL 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 *

1mL 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 7 time

GH7T *

1mL 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 *

1mL 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 *

1mL 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

GH - Growth hormone - serum

GH *

1mL Serum ° FROZEN

2 days ° Electrochemiluminescence

Fasting sample
Specify if patient is under Somavert (Pegvisomant) treatment

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 *

1mL 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

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

1 week ° Real-time PCR

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Enclose the specific B12-INTGB request form: Molecular Genetics

Glibenclamide - serum — GLIBE *

2mL Serum ° Refrigerated

Variable TAT ° HPLC - High Performance Liquid Chromatography

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

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 °

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
ALWAYS attach the CBC (complete blood count) and haemoglobin electrophoresis results

Glucagon - plasma — GLUC *

1mL 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

Glucose — GLY6 *

1mL 1 mL Plasma fluore T0
1 mL Plasma fluore T1 ° FROZEN

1 day ° Chemistry - Spectrophotometry

[To be translated]

Glucose 6-phosphatase (GSD Ia) — G6PC *

liver (3mg) : Frozen
2 mL EDTA blood : Ambient °

3 weeks °

Glucose 6-phosphate translocase (GSD Ib/c) — G6SD *

liver (3mg) : Frozen
2 mL EDTA blood : Ambient °

3 weeks °

Glucose 7 time — GLY7 *

1mL [To be translated] ° FROZEN

1 day ° Chemistry - Spectrophotometry

[To be translated]

Glucose - biological fluid — GLYD *

1mL Biological fluid ° FROZEN

2 days ° Chemistry - Spectrophotometry

Glutathione peroxidase - plasma

GLUPS *

1mL Lithium heparin plasma ° FROZEN

3 weeks ° Chemistry - Spectrophotometry

Refrigerated centrifugation
Sample to be frozen within 1 hour. Home sampling is not advisable.
1 frozen aliquot specific for this analysis.

Gluten allergy and intolerence profil

PANIG

2mL Serum ° Refrigerated

3 days °

Use the specific request form B62: allergological panel

Glycerol - serum

GLYOL *

2mL Serum ° FROZEN

2 weeks ° Photometry

Glycine - plasma

GLYCI

1mL Heparin Plasma ° FROZEN

1 week ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R1-INTGB : Amino Acids - Organic Acids)
Sample in a fasting state (for infants, draw sample 3-4 hours after bottle)
Sample to be frozen within 1 hour. Home sampling is not advisable.
1 individual aliquot for this analysis.

Glycogen

GLYCG *

Tissue (3mg): Frozen
2 mL EDTA blood : Ambient °

3 weeks °

Glycogen - synthase (GSD 0) GYS12 *

Tissue (3mg): Frozen
2 mL EDTA blood : Ambient °

3 weeks °

Glycosaminoglycanes - GAG - urine GAG/Creatinine ratio - urine GAGRX *

50mL 24hr Urine collection ° FROZEN

2 weeks ° Alcian Blue - Complexometry

Gnathostomiasis - serology - serum GNATH *

1mL Serum ° Refrigerated

1 month ° Western-Blot

Golimumab - serum GOLIM *

1mL Serum ° FROZEN before sending

3 weeks ° Enzyme-immunoassay

[To be translated]
Always draw blood at the same time before another administration

Guanidinoacetate and creatine - plasma GUANI *

3mL Heparin Plasma ° FROZEN

1 month °

Enclose the specific clinical information form (R26-INTGB : Metabolic Biochemistry)
Sample to be frozen within 1 hour. Home sampling is not advisable.
1 individual aliquot for this analysis.

Guanidinoacetate and creatine - urine GUANU *

10mL Urine - random urine or 24 hour urine ° FROZEN

1 month °

T9 : Urine flasks 70 ml

Guanidinoacetate and creatine - urines — GANUX *

10mL Urines ° FROZEN before sending

3 weeks °

Gycolic acid - urines — GLYCU *

10mL 24hr or random urine sample (child) ° FROZEN

3 weeks °

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

T9 : Urine flasks 70 ml

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

Haemochromatosis - HFE gene - p.Cys282Tyr mutation - whole blood — HMC

5mL EDTA whole blood (only) ° Ambient temperature

4 days ° LAMP PCR

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Sample must be refrigerated if transport is > 48 hours
Enclose the specific B12-INTGB request form: Molecular Genetics

Haemochromatosis - HFE gene - p.His63Asp mutation - whole blood — H63D

5mL EDTA whole blood (only) ° Ambient temperature

4 days ° LAMP PCR

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Sample must be refrigerated if transport is > 48 hours
Enclose the specific B12-INTGB request form: Molecular Genetics

Haemochromatosis - HFE gene - p.Ser65Cys mutation — S65C

5mL Total blood only ° Ambient temperature

9 days ° Real-time PCR

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Sample must be refrigerated if transport is > 48 hours
Enclose the specific B12-INTGB request form: Molecular Genetics

Haemoglobin - electrophoresis - whole blood — EPHB *

4mL 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.

Haemoglobin glycosylated - HbA1c - whole blood — HBA1C *

2mL EDTA whole blood ° Refrigerated

4 days ° Electrophoresis

Haemoglobin - screening - stool — SGP *

20g Stool sample ° Refrigerated

5 days ° Enzyme-immunoassay

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

Haemolysis protein profile - serum — PPHEM *

2mL Serum ° FROZEN

2 days ° Immuno turbidimetry

This analysis includes: Orosomucoid and haptoglobin

Haemopexin - serum — HEMOP *

1mL Serum ° Refrigerated

1 week ° Nephelometry

Haemophilus ducreyi - direct diagnosis - PCR — HAEBM

[Indéfinie] Cervical, urethral, vaginal, anal swabbing ° Refrigerated

6 days ° Real-time PCR

The use of the 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 they are, in sterile bottles, without transport medium.

K1: Virus screening kit by culture or PCR

Haemophilus ducreyi - screening — BADUC *

Smear or swab ° Refrigerated

2 days ° Staining and microscopic analysis

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

S14: Special mycobacteria transport bags are to be used

Haemophilus influenzae B - IgG serology - serum — HEIN

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

1 week ° Enzyme-immunoassay

This test is reserved for post-vaccination testing

Haloperidol — HALO

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.
Always draw blood at the same time before another administration
The following examinations can be performed on the same sample: Aripiprazole; Clozapine; Haloperidol; olanzapine; Quétiapine; Rispéridone.

Hantavirus - IgG/IgM serology - serum — HANTA

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

1 week ° Immunofluorescence

Haptoglobin - serum — HAP *

1mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

ALWAYS specify the patient's age and gender

hcG dimeric molecule (alpha + beta) - biological fluid — HCGD *

1mL Biological fluid ° FROZEN before sending

1 day ° Radioimmunoassay

Attach the clinical data

hcG dimeric molecule (alpha + beta) - serum — HCGT *

1mL Serum ° FROZEN

3 days ° Radioimmunoassay

Attach the clinical data

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

1mL 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

HDL cholesterol - serum — HDL *

1mL Serum ° Refrigerated

1 day ° Chemistry - Spectrophotometry

ALWAYS sample in the fasting state

HE4- ROMA calculation - serum — HE4 *

1mL 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.

Helicobacter pylori - 13C urea breath test - expired gas — HKITN

4tube(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.

.

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 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)

Helicobacter pylori - antigen - Stools

HELS

Stools ° Refrigerated

3 days ° Immunofluorescence

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

Helicobacter pylori - culture

HELCU

Antral and/or fundal biopsies ° Refrigerated

18 days ° Culture

.
IMC will be automatically perfromed and charged in case of positive culture
The use of the S14UK transport bag is Mandatory.
Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology
Sample on special agar transport medium T8 (supplied upon request) - store out of light
If refrigerated, the sample must be processed at our laboratory within 72h from its collection.
[To be translated]
If sample older than 72h, please freeze.

T8 : Helicobacter pylory (culture & transport media)

Helicobacter pylori - IgG serology - serum

HELI *

1mL 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)

Helminthes - Protozoaires - direct diagnosis - PCR - stool

PPARA

Stool specimen ° Refrigerated

7 days ° PCR

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

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

Hepatitis A - IgG immunity screening - serum — HAVAC *

1mL Serum ° Refrigerated

2 days ° EIA

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

Hepatitis A - IgM antibody - serum — HAVM *

1mL Serum ° Refrigerated

2 days ° EIA

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

Hepatitis B - anti-HBc antibodies - IgM - serum — HBCM *

1mL Serum ° Refrigerated

2 days ° EIA

Hepatitis B - anti-HBe antibodies - serum — HBEAC *

1mL Serum ° Refrigerated

2 days ° EIA

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

Hepatitis B - anti-HBs antibodies - titration - serum — HBSAC *

1mL Serum ° Refrigerated

2 days ° EIA

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

Hepatitis B Genotyping and Antiviral Resistance Profile - serum — RHB *

4mL 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 B - HBe antigen - serum — HBEAG *

1mL Serum ° Refrigerated

2 days ° EIA

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

Hepatitis B - HBs antigen - quantitative - serum — HBSGQ *

1mL Serum ° Refrigerated

2 days ° EIA

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

Hepatitis B - Qualitative HBs antigen - serum — HBSAG *

1mL Serum ° Refrigerated

2 days ° EIA

Storage temperature (2-8°C) < 7 days during transport of specimen.
With neutralisation test if positive

Hepatitis B - total anti-HBc antibodies - serum — HBCAC *

1mL Serum ° Refrigerated

2 days ° EIA

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

Hepatitis B - viral load - PCR — ADNBQ *

2.5mL Serum or Heparin plasma ° FROZEN

3 days ° Real Time TMA

1 individual aliquot for this analysis.

Hepatitis C — GENCS *

1.5mL 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.

Hepatitis C - Anti-viral resistance profile - serum — RHC *

4mL 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.

Hepatitis C - confirmation - serum — RIBHN *

1mL Serum ° Refrigerated

10 days ° Immunoblot

Hepatitis C - genotyping — GENC *

1.5mL 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.
1 individual aliquot for this analysis.
The minimum viral load to proceed with testing is 500 IU/mL

Hepatitis C - screening serology - serum — HCVAC *

1mL Serum ° Refrigerated

2 days ° Chemiluminescence

Hepatitis C - viral load - quantitative PCR — ARNCQ *

2.5mL Serum or Heparin plasma ° FROZEN

3 days ° Real Time TMA

1 individual aliquot for this analysis.

Hepatitis C - viral RNA detection - PCR - serum — HCVBM *

1.5mL Serum ° FROZEN

3 days ° Real Time TMA

1 individual aliquot for this analysis.

Hepatitis Delta - antigen - serum — DELAG

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

1 week ° Enzyme-immunoassay

Hepatitis Delta - IgM antibody - serum — DELAM

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

1 week ° Enzyme-immunoassay

Hepatitis Delta - total antibodies - serum — DELAC

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

3 days ° Enzyme-immunoassay

Hepatitis Delta - viral load - PCR — DELBM

1mL Serum or EDTA Plasma ° Refrigerated

4 days ° Real-time PCR

Heparinised tubes cannot be used (PCR inhibiting effects)
The use of the S14UK transport bag is Mandatory.
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Hepatitis E - direct diagnosis - PCR — HEVBM

[Indéfinie] Serum or EDTA Plasma, Stool ° Refrigerated

4 days ° PCR

The use of the S14UK transport bag is Mandatory.
.

Hepatitis E - IgG antibody - serum — HEVG

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

5 days ° Enzyme-immunoassay

Hepatitis E - IgM antibody - serum — HEVM

1mL 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.

HER2 - Human Epidermal growth factor Receptor 2 - c-erbB-2 protein - serum — ERBB2 *

1mL Serum ° FROZEN

2 weeks ° Enzyme-immunoassay

Sample to be frozen within 1 hour. Home sampling is not advisable.
Use the specific request form B9-INTGB: Oncology-Solid tumors

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.

#VALEURMULTI

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

5mL EDTA Whole blood ° Refrigerated

15 days ° Flow Cytometry

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

Herpes simplex virus 1/2 - HSV - direct diagnosis - PCR — HERBM

[Indéfinie] Mucocutaneous, genital, ocular, nasopharyngeal swabs, respiratory samples (bronchial secretions, 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

The use of the 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 they are, in sterile bottles, without transport medium.
The following samples are not accepted: placenta, umbilical cord or any other sample of foetal origin (except blood).

K1: Virus screening kit by culture or PCR

Herpes simplex virus 1/2 - HSV - direct diagnosis - PCR - amniotic fluid — HSVLA

8mL Amniotic fluid ° Refrigerated

3 days ° Real-time PCR

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

Herpes simplex virus 1/2 - HSV - IgM serology - serum — HERPM *

1mL 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 *

1mL Serum ° Refrigerated

3 days ° Chemiluminescence

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

Herpes virus type 6 (HHV6) - direct diagnosis - PCR — HV6BM

1mL bronchial secretions, BAL, bone marrow (EDTA), auqueous humor, CSF: qualitative result ° Refrigerated

6 days ° Real-time PCR

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 S14UK transport bag is Mandatory.

K1: Virus screening kit by culture or PCR

Herpes virus type 6 (HHV6) - IgG serology - serum — HHV6G

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

1 week ° Indirect immunofluorescence

Herpes virus type 6 (HHV6) - IgM serology - serum — HHV6M

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

1 week ° Indirect immunofluorescence

Herpes virus type 6 (HHV6) - viral load - PCR — HV6Q

1mL Whole blood (EDTA): quantitative result ° Refrigerated

6 days ° Real-time PCR

The use of the S14UK transport bag is Mandatory.

Herpes Virus type 7 - direct diagnosis - PCR — HV7BM

1mL Serum, plasma or total blood EDTA ° Refrigerated

6 days ° Real-time PCR

The use of the S14UK transport bag is Mandatory.

Herpes virus type 8 (HHV8) - direct diagnosis - PCR — HV8BM

1mL Biopsy (of a tumor, skin or organ lesion), puncture fluid (peritoneal, pericardial, pleural fluid, bone marrow (EDTA) ° Refrigerated

6 days ° Real-time PCR

The use of the 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 they are, in sterile bottles, without transport medium.

K1: Virus screening kit by culture or PCR

Herpes virus type 8 (HHV8) - IgG serology - serum — HHV8

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

1 week ° Indirect immunofluorescence

Herpes virus type 8 (HHV8) - viral load — HV8Q

1mL whole blood (EDTA) ° Refrigerated

6 days ° Real-time PCR

The use of the S14UK transport bag is Mandatory.

High molecular weight kininogen - activity - plasma — KIN *

1mL Citrated Plasma ° FROZEN

1 month ° Chronometric method

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

Hippuric acid - urine — AH *

15mL Random urine ° Refrigerated

1 month ° HPLC - High Performance Liquid Chromatography

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

T9 : Urine flasks 70 ml

Histamine — HISTP

1mL Non hemolyzed EDTA plasma ° FROZEN

1 week ° Enzyme-immunoassay

No sampling on glass tubes
Shake the tube gently by turning over. Whole blood can be stored for 2 hrs at ambient temperature or 12 hrs at +4°C. During this time, centrifuge for 10 minutes at 900g. Aspirate the plasma slowly, to at least 1 cm from the sediment. After an anaphylactic shock, sample 30 to 60 min after the onset of clinical signs (SFAR recommendations)

K2: Sampling kit - use only in case of anaphylactic shock

HIV1/2 - Human Immunodeficiency Virus - confirmatory serology by immuno-transfer technique - serum — WB12 *

1mL Serum ° Refrigerated

2 days ° Immunoblot

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

HIV1/2 - Human Immunodeficiency Virus - screening serology - serum

HIV *

1mL Serum ° Refrigerated

2 days ° Chemiluminescence

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

HIV1 - Human Immunodeficiency Virus - viral load - Plasma

HIVQ *

2.5mL EDTA Plasma (do not use tube with separator) ° FROZEN

3 days ° Real Time TMA

Use standard EDTA tubes with centrifugation then transfer the plasma into a new tube
1 individual aliquot for this analysis.

HIV2 - Human Immunodeficiency Virus - viral load - Plasma

HIVQ2 *

2mL EDTA Plasma (do not use tube with separator) ° FROZEN

15 days °

1 individual aliquot for this analysis.

HIV - Human Immunodeficiency Virus - genotype for antiretroviral resistance (integrase inhibitor) - plasma

RVIH3 *

2mL EDTA Plasma ° FROZEN

27 days ° Sequencing

The minimum viral load is 50 copies/mL (85 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.
Please specify anti-viral treatments.

HIV - Human Immunodeficiency Virus - Genotyping (fusion inhibitor): anti viral resistance profile. - plasma

RVIH2 *

2mL EDTA Plasma ° FROZEN

40 days ° Sequencing

The minimum viral load is 50 copies/mL (85 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.
Please specify anti-viral treatments.

HIV - Human Immunodeficiency Virus - genotyping (reverse transcriptase and protease genes): Resistance profile to anti-viral drugs. - plasma

RVIH *

2mL EDTA Plasma ° FROZEN

30 days ° Sequencing

The minimum viral load is 50 copies/mL (85 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.
Please specify anti-viral treatments.

HIV - Human Immunodeficiency Virus - p24 antigen - serum

P24AG *

1mL 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.

HIV - Human Immunodeficiency Virus - viral load - CSF

HIVQL *

1mL CSF ° FROZEN

1 week ° PCR

1 individual aliquot for this analysis.

HLA-B27 - genotyping - whole blood

B27BM

5mL EDTA Whole blood ° Ambient temperature

4 days ° Real-time PCR

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Enclose the specific B12-INTGB request form: Molecular Genetics
.

HLA class I and II - genotyping for transplants (International Division only)

HLAX *

2 x 5 mL EDTA whole blood ° Refrigerated

2 weeks ° Microlymphocytotoxicity assay + molecular biology

Complete and attach the information form available on www.biomnis.com together with the patient request form

HOMA - index - serum

HOMA *

1mL Non haemolysed serum ° FROZEN

1 day °

Fasting sample
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)

Homocysteine - plasma

HOCY *

1mL Citrated Plasma ° FROZEN

1 day ° Automated latex immunoassay

Do not mistake to HOMOCYSTINE
Fasting sample
[To be translated]

Homogentisic acid

HOMO *

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

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

Enclose the specific clinical information form (R26-INTGB : Metabolic Biochemistry)
Sample to be frozen within 1 hour. Home sampling is not advisable.

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

Tube for urine sample (4mL)-T28

House dust panel - specific IgE

PANPO

2mL Serum ° Refrigerated

Use the specific request form B62: allergological panel

HPV test for vaginal sampling or self-sampling — HPVPV *

vaginal self-sampling ° Ambient temperature

2 days ° 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

HTLV I/II - confirmation serology - serum — WBHTL *

1mL Serum ° Refrigerated

10 days ° Immunoblot

HTLV I/II Qualitative PCR - whole blood — HTLBM *

5mL EDTA whole blood ° Refrigerated

2 weeks ° PCR + hybridisation

HTLV I/II - screening serology - serum — HTLV *

1mL Serum ° Refrigerated

2 days ° Chemiluminescence

Storage temperature (2-8°C) < 14 days during transport of specimen.

Human babesiosis - serology - serum — PIRO

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

7 days ° Immunofluorescence

Human ehrlichiosis - IgG/IgM serology - serum — EHRLI

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

1 week ° Immunofluorescence

Human tissue transglutaminase antibody - IgA - serum — TGLU

1mL 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

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

3 days ° Fluorescent enzyme-immunoassay

Huntington desease - whole blood — CHOHU *

5mL EDTA whole blood ° Ambient temperature or Refrigerated (if transport time is > 48 hours)

30 days ° PCR

Enclose the specific B12-INTGB request form: Molecular Genetics

Hyaluronic acid - pleural fluid — HYALP *

1mL Pleural fluid ° FROZEN

4 days ° Turbidimetry

Centrifuge without delay, separate the supernatant and freeze

Hyaluronic acid - serum — HYALS *

1mL Serum ° Refrigerated

4 days ° Turbidimetry

Centrifuge at high speed and separate the supernatant
Enclose clinical details

Hydroquinidine - Serum

HQUIN *

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

1 week ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.
Always draw blood at the same time before another administration

Hydroxychloroquine - whole blood

HCHLO *

2mL EDTA whole blood ° FROZEN

2 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Hydroxyzine - Serum

HYDRO *

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

2 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.
Always draw blood at the same time before another administration

Hypoxanthine - urine

HXANTU *

10mL urine sample ° FROZEN

3 months °

Freeze the sample within 1 hour after sampling

Ibuprofen - Serum

IBU *

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

1 month ° HPLC - High Performance Liquid Chromatography / UV detection

Enclose the specific clinical information form (R13-INTGB : Medication quantification)

IgA/G/M - Immunoglobulins A/G/M - serum

GAM *

2mL Serum ° Refrigerated

1 day ° Immuno turbidimetry

ALWAYS specify the patient's age and gender

IgA - Immunoglobulin A - IgA1 and IgA2 subclasses - serum — IGA12 *

5mL Serum ° Refrigerated

2 weeks ° Immuno turbidimetry

ALWAYS specify the patient's age and gender

IgA - Immunoglobulin A secretory - stool — IGAS *

20g Stool sample ° Refrigerated

8 days ° ELISA

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

IgA - Immunoglobulin A - serum — IGA *

1mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

ALWAYS specify the patient's age and gender

IgD - immunoglobulins D - serum — IGD *

1mL Serum ° FROZEN before sending

1 week ° Immuno turbidimetry

Freeze the sample within 1 hour after sampling

IgE against multiple individual allergens - food allergens - serum — MT

1mL Serum ° Refrigerated

3 days ° Enzyme-immunoassay

IgE against multiple individual allergens - Food and Inhalant panels - serum — MM

1mL Serum ° Refrigerated

3 days ° Enzyme-immunoassay

IgE against multiple individual allergens - inhalant allergens - serum — MP

1mL Serum ° Refrigerated

3 days ° Enzyme-immunoassay

IGF-1 - Somatomedin C - Serum — SOMC *

1mL Serum ° FROZEN

2 days ° Chemiluminescence

1 individual aliquot for this analysis.
Specify if treatment for acromegaly

IGF-2 - serum — IGF2 *

1mL Serum ° FROZEN

1 month ° Enzyme-immunoassay

IGFBP-3 - Insulin-like Growth Factor Binding protein-3 - serum — IGFBP

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

1 week ° CLIA

Specify the patient's age
Attach the clinical data

IgG - immunoglobulins G - CSF — IGGPL

1mL CSF ° Refrigerated

3 days ° Nephelometry or Turbidimetry

IgG - immunoglobulins G - IgG1 subclasses - serum — IGG1 *

2mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

ALWAYS specify the patient's age and gender

IgG - immunoglobulins G - IgG2 subclasses - serum

IGG2 *

2mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

ALWAYS specify the patient's age and gender

IgG - immunoglobulins G - IgG3 subclasses - serum

IGG3 *

2mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

ALWAYS specify the patient's age and gender

IgG - immunoglobulins G - IgG4 subclasses - serum

IGG4 *

2mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

ALWAYS specify the patient's age and gender

IgG - immunoglobulins G - serum

IGG *

1mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

ALWAYS specify the patient's age and gender

IgM - immunoglobulins M - serum

IGM *

1mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

ALWAYS specify the patient's age and gender

Imatinib - Plasma

IMAT *

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

15 days ° High-performance liquid chromatography / high resolution mass spectrometry

Enclose the specific clinical information form (R7-INTGB : Quantification of imatinib/Glivec® in plasma)

Imipramine - Serum — IMIP *

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

1 week ° LCMS

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.
Always draw blood at the same time before another administration

Immunity protein profile without electrophoresis - serum — PPIMM *

2mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

ALWAYS specify the patient's age and gender
This analysis includes: IgA, IgG, IgM

Immunobinding - serum — IFS *

1mL Serum ° Refrigerated

2 days ° Immunofixation (gel)

Lactescent/hemolysed serum samples are forbidden

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

3mL EDTA whole blood ° Ambient temperature

1 day ° Flow Cytometry

The sample must reach us WITHOUT FAIL within 24 hrs of sampling.
preanalytical stability : 48 hours
Always attach the lymphocyte count performed on the same day as sampling.

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

3mL EDTA whole blood ° Ambient temperature

1 day ° Flow Cytometry

The sample must reach us WITHOUT FAIL within 24 hrs of sampling.
preanalytical stability : 72 hours
Always attach the lymphocyte count performed on the same day as sampling or fax to 01 49 59 17 98

Immunophenotyping: Lymphocytes CD56+ / CD16+ - Natural Killer Cells - whole blood

NK *

3mL EDTA whole blood ° Ambient temperature

1 day ° Flow Cytometry

The sample must reach us WITHOUT FAIL within 24 hrs of sampling.
preanalytical stability : 48 hours
Always attach the lymphocyte count performed on the same day as sampling.

Immunophenotyping: Lymphocytes NK/CD57 - whole blood

CD57 *

3mL EDTA whole blood ° Ambient temperature

1 day ° Flow Cytometry

The sample must reach us WITHOUT FAIL within 24 hrs of sampling.
preanalytical stability : 48 hours
Always attach the lymphocyte count performed on the same day as sampling.

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 monocyte immunophenotyping, the sample cannot be analyzed beyond 48 hours.
ALWAYS attach the last blood/platelet count results.
Monocyte immunophenotyping is not possible on bone marrow

Immunoreactive trypsin (Cystic Fibrosis) Guthrie card - blotting paper

TIRBX *

Guthrie card only ° Ambient temperature

1 week ° Enzyme-immunoassay

Indinavir - Serum

INDI *

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

3 weeks ° HPLC or spectrophotometry

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

Indirect antiglobulin test - IAT - screening/identification — RAI *

5mL 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]
1 individual aliquot 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

Inflammatory protein profile - serum — PPINF *

2mL Serum ° FROZEN

2 days ° Immuno turbidimetry

ALWAYS specify the patient's age and gender
This analysis includes: Orosomucoid, haptoglobin, CRP

Infliximab — INFAC

1mL Serum ° Refrigerated

14 days ° Enzyme-immunoassay

Avoid lipid sera and samples that have been frozen/ defrosted more than once.
Always draw blood at the same time before another administration
Please attach the specific clinical information sheet (R46 : Anti-TNF)

Influenza A and B - IgG serology - serum — GRIP

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

1 week ° SERION ELISA classic

Influenza - direct diagnosis - PCR — GABPC

1mL Nasopharyngeal swabs or aspirates, respiratory samples (sputum, endotracheal aspirate, BAL) ° Refrigerated

2 days ° Real-time PCR

The use of the 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 they are, in sterile bottles, without transport medium.

K1: Virus screening kit by culture or PCR

Inhibin A - serum — INIBE *

2mL Serum ° FROZEN

30 days °

Inhibin A - ultrasensitive - serum — INHIA *

2mL 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)
1 individual aliquot for this analysis.
Analysis reserved for women: Inhibine A does not exist in men.

Inhibin B — INHIB

1mL 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 *

1mL Non haemolysed serum ° FROZEN before sending

1 month ° Enzyme-immunoassay

Only for children younger than 5 years old
Attach the clinical data

INH - Isoniazid - Serum

INH *

2mL 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
1 individual aliquot for this analysis.
Freeze the sample within 1 hour after sampling
Sampling should preferably be performed three hours after taking the medication (per os). Also possible T0: before taking the medication, Tmax: 1/2 hour after injection

Insulin

INS2 *

1mL 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 10 time

INS10 *

1mL 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 *

1mL 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 *

1mL 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 *

1mL 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 9 time

INS9 *

1mL 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

Insulin - serum

INS *

1mL Non haemolysed serum ° FROZEN before sending

1 day ° EIA

Fasting sample
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

Interferon alpha - biological fluid

INFAD *

1mL Biological fluid ° Refrigerated

1 week ° Biological method

Attach the clinical data

Interferon alpha - CSF

INAPL *

500µL CSF ° Refrigerated

15 days ° Biological method

Attach the clinical data

Interferon alpha - neutralizing antibody - serum

INFAA *

2mL Serum ° Refrigerated

3 weeks ° Neutralisation test

Attach the clinical data

Interferon alpha - serum

INFA *

1mL Serum ° Refrigerated

3 weeks ° Biological method

The sample must reach us WITHOUT FAIL within 24 hrs following sampling
Attach the clinical data

Interferon gamma - CSF

INGPL *

500µL CSF ° FROZEN

4 weeks ° Enzyme-immunoassay

Attach the clinical data

Interferon gamma production - Quantiferon® TB Gold Plus — QANR

plasma. ° Refrigerated

3 days ° Enzyme-immunoassay

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]

K4: Quantiferon sampling kit

Interferon gamma - serum — INFGS

3mL serum (do not use 10 mL tube) ° FROZEN

3 weeks ° Chemiluminescence

Interleukin 28B (IL28B polymorphisme C/T rs 12979860) - genotyping - whole blood — IL28B *

5mL EDTA whole blood ° Refrigerated

9 days ° Melting Curve Allelic Discrimination

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Sample must be refrigerated if transport is > 48 hours
Enclose the specific B12-INTGB request form: Molecular Genetics

Interleukin (IL)-10 - . — IL10D *

200µL CSF, aqueous humor or vitreous ° FROZEN before sending

28 days ° Luminex (Biorad)

Always specify the sample type
.

Interleukin (IL)-10 - serum — IL10

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

3 weeks ° Chemiluminescence

Interleukin (IL)-1 alpha - serum — IL1A

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

3 weeks ° Chemiluminescence

Interleukin (IL)-1 beta - serum — IL1B

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

3 weeks ° Chemiluminescence

Interleukin (IL)-2 - receptor — RIL2 *

1mL EDTA Plasma ° FROZEN

60 days ° Enzyme-immunoassay

Interleukin (IL)-2 - serum — IL2

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

3 weeks ° Chemiluminescence

Interleukin (IL)-4 - serum — IL4

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

3 weeks ° Chemiluminescence

Interleukin (IL)-5 — IL5 *

1mL EDTA Plasma ° FROZEN

28 days ° Enzyme-immunoassay

Interleukin (IL)-6 - . IL6D *

200µL CSF, aqueous humor or vitreous ° FROZEN before sending

28 days ° Luminex (Biorad)

Always specify the sample type
.

Interleukin (IL)-6 - serum IL6

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

3 weeks ° Chemiluminescence

Interleukin (IL)-8 - serum IL8

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

3 weeks ° Chemiluminescence

Iodine total - serum IOD

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

1 week ° Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)

Iodine - urine IODU

1tube(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

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

Specify diuresis
Indicate on the request form whether it is for Occupational Medicine

Tube for urine sample (4mL)-T28

Ionised calcium CAIO *

5mL Non decanted serum in a SST tube, centrifuge without opening the tube: IMPERATIVE ° FROZEN

1 day ° Direct potentiometry

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

T5 : Tube for ionised calcium

Iron - saturation percentage - serum — COSAT *

1mL Serum ° Refrigerated

1 day ° Turbidimetry and Spectrometry

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

Iron - serum — FE *

1mL Non haemolysed serum ° Refrigerated

2 days ° Chemistry - Spectrophotometry

Serum taken during fasting

Iron - total binding capacity - serum — CTST *

1mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

Serum taken during fasting

Iron - urines — FEU *

5mL Non acidified 24hrs urine collection ° Refrigerated

2 weeks ° ICP-OES

Specify diuresis

T9 : Urine flasks 70 ml

Isavuconazole - Serum — ISAV *

3mL 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
1 individual aliquot for this analysis.

Isoelectric focussing - 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

Isoleucine - plasma — ILEU

1mL Heparin Plasma ° FROZEN

1 week ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R1-INTGB : Amino Acids - Organic Acids)
Sample in a fasting state (for infants, draw sample 3-4 hours after bottle)
Sample to be frozen within 1 hour. Home sampling is not advisable.
1 individual aliquot for this analysis.

Isopropyl alcohol - Serum — PANOL *

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

2 weeks ° Gas Phase Chromatography / FID detection

Always indicate the clinical context
1 individual aliquot for this analysis.

Isovaleryl glycine - urine — IVAG *

10mL Random urine ° FROZEN

1 week °

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

T9 : Urine flasks 70 ml

Itraconazole and hydroxylated metabolite - Serum — ITRA *

2mL 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
1 individual aliquot for this analysis.

JAK2 - gene - VAL617PHE (V617F) mutation - whole blood — JAK2

5mL EDTA whole blood ° 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
For a sample older than 3 days old, the report will be released, but the result can be subject of the discussion in light of the sample stability. Please avoid taking samples on Fridays and prior to public holidays
.
ALWAYS attach the last blood/platelet count results.

Juvenalis - AgeCheck - man

AAMAS *

5 ml serum: refrigerated;
2x2 ml serum: frozen;
1 ml citrated plasma: frozen °

3 weeks °

Do not use tubes with phase separator
Fasting sample
[To be translated]
[To be translated]
[To be translated]

Juvenalis - AgeCheck - woman

AAFEM *

6 ml serum: refrigerated;
2 ml serum: frozen;
1 ml plasma : frozen citrated °

3 weeks °

Do not use tubes with phase separator
Fasting sample
[To be translated]
[To be translated]
[To be translated]

Juvenalis - BasicCheck

BASIC *

2 ml EDTA whole blood: refrigerated;
6x1 ml serum: refrigerated;
3x1 ml serum: frozen;2 ml heparinized plasma: frozen < 90 min (protect from light);
1 ml citrated plasma: frozen;
2x2 ml heparin plasma: refrigerated °

3 weeks °

Do not use tubes with phase separator
Fasting sample
[To be translated]
[To be translated]
[To be translated]

Juvenalis - DermaCheck

DERMA *

5 mL refrigerated serum;
1 mL frozen serum;
1 mL frozen serum (protect from direct light) < 90mn;
4 mL of refrigerated urine °

2 weeks °

Do not use tubes with phase separator
Fasting sample
[To be translated]
[To be translated]
[To be translated]
[To be translated]

Juvenalis - DigestCheck

DIGES *

1 refrigerated stool sample ° Refrigerated

4 weeks °

[To be translated]
[To be translated]
[To be translated]
[To be translated]

Juvenalis - ImmuCheck

IMMU *

2 ml serum : refrigerated;
2 ml plasma heparin : frozen;
2 x 2 ml plasma heparin : refrigerated;
3 ml sang total EDTA : refrigerated;
4 ml first urine : refrigerated °

3 weeks °

Do not use tubes with phase separator
Fasting sample
[To be translated]
[To be translated]
[To be translated]
[To be translated]

Juvenalis - Microbiote intestinal - Stools

JBIOT

[Indéfinie] Stools ° Ambient temperature

6 weeks ° Séquençage nouvelle génération 16S

IMPERATIVELY use the JUK12 kit (Microbiota Kit) to order on Biomnis Connect
[To be translated]

[To be translated]

Juvenalis - mineral panel

MINER *

3 mL refrigerated serum;
4 mL refrigerated urine °

2 weeks °

Do not use tubes with phase separator
Fasting sample
[To be translated]
[To be translated]
[To be translated]
[To be translated]
[To be translated]

Juvenalis - MiniCheck

MINI *

[Indéfinie] 2 x 2 ml plasma heparin : refrigerated;
2 x 1 ml sérum : refrigerated;
2 x 1 ml sérum : frozen;
1 ml plasma citraté : frozen °

3 weeks °

Do not use tubes with phase separator
Fasting sample
[To be translated]
[To be translated]
[To be translated]

Juvenalis - NutriCheck

NUTRI *

3 mL refrigerated EDTA whole blood;
2 x 3 mL refrigerated serum;
1 mL frozen serum (protect from direct light) < 90 mn;
1 mL frozen citrated plasma °

4 weeks °

Fasting sample
[To be translated]
[To be translated]
[To be translated]
[To be translated]

Juvenalis - OxyCheck

OXYC *

2 x 2 ml plasma : heparin rfrigerated;
1 ml serum : frozen (<4h);
2 x 1 ml serum : refrigerated;
2 ml plasma heparin : frozen < 90 mn;
1 red blood cell pellet heparin : frozen °

5 weeks °

Do not use tubes with phase separator
Fasting sample
[To be translated]
[To be translated]
[To be translated]

Juvenalis - Panel - FertiCheck - man

FERTH *

3 ml sang total EDTA : refrigerated;
2 x 1 ml serum : refrigérated;
2 ml plasma heparin : frozen < 90 mn (away from light);
2 ml serum : frozen;
2 x 2 ml plasma heparin : refrigerated;
1 ml plasma citraté congelé °

4 weeks °

Do not use tubes with phase separator
Fasting sample
[To be translated]
[To be translated]
[To be translated]

Juvenalis - Panel - FertiCheck - woman

FERTF *

2 x 3 ml EDTA whole blood: refrigerated;
2 x 3 ml serum: refrigerated;
2 ml heparinized plasma: frozen < 90 min (protect from light);
2 ml serum: frozen;
2 x 2 ml heparin plasma: refrigerated °

4 weeks °

Do not use tubes with phase separator
Fasting sample
[To be translated]
[To be translated]
[To be translated]

Juvenalis - Panel MyEndoCheck - Juvenalis - Panel MyEndoCheck

ENDO *

4 x 1 ml serum : réfrigerated;
3 ml total blood EDTA : réfrigerated;
2 x 1 ml serum : frozen;
1 ml plasma : citrated frozen;
1 ml urines 24h (specify diuresis)refrigerated;
4 ml first urines Refrigerated Morning °

3 weeks °

Do not use tubes with phase separator
Fasting sample
[To be translated]
[To be translated]
[To be translated]
[To be translated]

Juvenalis - Panel - VeggieCheck

VEGAN *

2 x 3 ml total blood EDTA : refrigerated;
3 x 1 ml serum : refrigerated;
2 ml plasma heparin : frozen< 90 mn (away from light);
1 ml plasma citrated : frozen;
4 ml first urine : refrigerated;
2 ml plasma heparin : refrigerated;
1 ml serum frozen °

4 weeks °

Do not use tubes with phase separator
Fasting sample
[To be translated]
[To be translated]
[To be translated]
[To be translated]

Juvenalis - vitamins panel

VITAM *

3 mL refrigerated EDTA whole blood;
3 x 3 mL EDTA whole blood (protect from direct light);
1 mL refrigerated serum;
1 mL frozen serum (protect from direct light) < 90 mn;
2 mL frozen Li heparin plasma (protect from direct light) °

3 weeks °

Do not use tubes with phase separator
Fasting sample
[To be translated]
[To be translated]
[To be translated]
[To be translated]
[To be translated]

Kappa free light chains - serum

KAPAL *

2mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

Please ensure to indicate the clinical context and if available the result from the serum immunofixation

Kappa free light chains - urine

KAPPU *

1tube(s) 24hr Urine collection ° Refrigerated

1 week ° Immuno turbidimetry

Please ensure to indicate the clinical context and if available the result from the serum immunofixation

Tube for urine sample (4mL)-T28

Ketamine - Serum

KETAS *

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

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

Assayed in cases of intoxication only. This test is not performed for follow up cases.
[To be translated]

Ketamine - urines

KETAU *

5mL Urine sample ° FROZEN

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

Sample to be frozen within 1 hour. Home sampling is not advisable.
Assayed in cases of intoxication only. This test is not performed for follow up cases.
[To be translated]

Ketoconazole - Serum

KETO *

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)

Ketone bodies

CET6 *

Deproteinized heparin whole blood sample T0 CSF T0
Deproteinized heparin whole blood sample T1 CSF T1 ° FROZEN

2 weeks ° Chemistry - Spectrophotometry

Ketone bodies - Deproteinized heparin whole blood sample or CSF

CETO *

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

2 weeks ° Chemistry - Spectrophotometry

Enclose the specific clinical information form (R26-INTGB : Metabolic Biochemistry)
Please consult the specific sample collection/storage protocol
Sample to be frozen within 1 hour. Home sampling is not advisable.
For lactate and pyruvate testing in CSF samples: please freeze the sample within one hour of collection
[To be translated]

Ketoprofen - Serum

KET *

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

2 weeks ° HPLC - High Performance Liquid Chromatography / DAD

1 individual aliquot for this analysis.

Kingella kingae - direct diagnosis - PCR

KINGK

[Indéfinie] Joint fluid, biopsies, pus, punctures, throat swabs ° Refrigerated

6 days ° Real-time PCR

The use of the 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 they are, in sterile bottles, without transport medium.

K1: Virus screening kit by culture or PCR

Lacosamide - Vimpat - Serum — VIMPA *

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

2 weeks °

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Lactic acid — LACT *

1mL Plasma collected on sodium fluoride / potassium oxalate ° FROZEN

1 day ° Chemistry - Spectrophotometry

1 individual aliquot for this analysis.
Freeze the sample within 1 hour after sampling
INDIVIDUAL OR DELICATE SAMPLE: venal blood samples must be taken when the subject has fasted 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

Lactic acid - CSF — LACLC *

[Indéfinie] CSF ° FROZEN

2 weeks ° Chemistry - Spectrophotometry

Enclose the specific clinical information form (R26-INTGB : Metabolic Biochemistry)
Sample to be frozen within 1 hour. Home sampling is not advisable.

lactose primary intolerance - Genetic characterization - whole blood — LCT

5mL EDTA whole blood ° Ambient temperature

1 month ° kit LAMP Human Lactose Intolerance CE-IVD, Loop-mediated isothermal amplification

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Enclose the specific B12-INTGB request form: Molecular Genetics

LAM2-t(8;21) Leukemia acute myeloid - whole blood — LAM2 *

5mL EDTA whole blood ° Ambient temperature

30 days °

LAM2-t(8;21) Leukemia quantitative PCR t(8;21) - whole blood — LAM2Q *

5mL EDTA whole blood ° Ambient temperature

30 days ° RQ-PCR

Lambda free light chains - serum — LAMBL *

2mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

Please ensure to indicate the clinical context and if available the result from the serum immunofixation

Lambda free light chains - urine — LAMBU *

1tube(s) 24hr Urine collection ° Refrigerated

1 week ° Immuno turbidimetry

Please ensure to indicate the clinical context and if available the result from the serum immunofixation

Tube for urine sample (4mL)-T28

Lamivudine - plasma — LAMIV *

3mL EDTA Plasma centrifuged immediately ° FROZEN

3 weeks ° HPLC - High Performance Liquid Chromatography

Sample at TO (before intake) T1H and T3H (after intake)
Enclose the specific clinical information form (R6-INTGB : Anti retroviral treatment)

Lamotrigine - serum — LAMO

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

4 days ° LCMS/MS

Enclose the specific clinical information form (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).
1 individual aliquot for this analysis.
The following examinations can be performed on the same sample: Levetiracetam; Gabapentine; Lamotrigine; Oxacarbazepine/10-OH-Carbazepine; Topiramate.

L-carnitine - seminal plasma — LCAR

1mL 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.

LDH - Lactate dehydrogenase — LDHD *

2mL Biological fluid other than serum exept CSF ° Ambient temperature

1 day ° Chemistry - Spectrophotometry

Not to to be performed on haemolysed sample

LDH - Lactate dehydrogenase - isoenzymes — ILDH

2mL Serum no hémolysed (no 10 mL tube) ° Ambient temperature

1 week ° Electrophoresis

The sample must reach us WITHOUT FAIL within 24 hrs of sampling.
Not to to be performed on haemolysed sample

LDH - Lactate dehydrogenase - serum — LDH *

1mL Serum ° Ambient temperature

2 days ° Chemistry - Spectrophotometry

Do not use haemolysed samples, on EDTA, sodium fluoride and potassium oxalate

Lead — PBU

1tube(s) End of working shift urine or Urine - 24-hour sample ° Refrigerated

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

Tube for urine sample (4mL)-T28

Lead - whole blood — PBST

5mL Whole blood sodium heparin, lithium heparin, EDTA (prohibit use of tubes with separator) ° Refrigerated

4 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.

T4 : Sodium Heparin tube

Legionellosis antigenes LP1 - urines — LEGAG

10mL Urine ° Refrigerated

1 day ° Immuno chromatography

The use of the 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

The use of the 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 they are, in sterile bottles, without transport medium.

K1: Virus screening kit by culture or PCR

Legionellosis serogroups 1-6 - serology IgG/IgM screening - serum — LEGIO

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

4 days ° Enzyme-immunoassay

If positive, titrate serogroups 1 to 6

Legionellosis - serogroups 1 to 6 - IgG confirmation serology - serum — LEGIT

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

1 week ° Immunofluorescence

Systematically performed in the event of a positive screening test

Legionellosis - serotyping — LEGIS *

Strain ° Ambient temperature

15 days ° Agglutination

Leishmaniasis - confirmation serology - serum — LEIWB

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

7 days ° Western-Blot

Leishmaniasis - direct diagnosis - PCR — LEIBM *

Skin biopsy, lymph node biopsy, whole blood EDTA, bone marrow EDTA ° Refrigerated

2 weeks ° PCR

The use of the S14UK transport bag is Mandatory.
Attach the clinical data
Biopsies: place in a sterile container suitable for the volume.
Skin biopsies on blotters are not accepted.

S14: Special mycobacteria transport bags are to be used

Leishmaniasis - serology - serum — LEIS

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

1 week ° Enzyme-immunoassay + Immunofluorescence

If positive, the confirmation test is automatically performed.

Lepticur - serum — TROPA *

2mL Serum ° Refrigerated

10 days ° High-performance liquid chromatography / Spectrometry

Enclose the specific clinical information form (R13-INTGB : Medication quantification)

Leptin - serum — LEP *

1mL 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 S14UK transport bag is Mandatory.

Leptospirosis - IgM serology - serum — LEPT

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

7 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)

Leptospirosis - total abs microagglutination - Martin-Pettit - serum — LEPTA *

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

7 days ° Micro-Agglutination

From 5 days after the start of symptoms
.

Leukocyte Count Detailed — FS

3 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)

Levetiracetam - serum — KEP

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

4 days ° LCMS/MS

Enclose the specific clinical information form (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).
1 individual aliquot for this analysis.
The following examinations can be performed on the same sample: Levetiracetam; Gabapentine; Lamotrigine; Oxacarbazepine/10-OH-Carbazepine; Topiramate.

Levofloxacin - Serum

LEVOX *

2mL 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 (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Levomepromazine - Serum

LEVO *

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

10 days ° HPLC - High Performance Liquid Chromatography / UV detection

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

LH - Luteinising hormone

LH6T *

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

2 days ° CMIA

Enclose clinical details
Attach age and period of cycle

LH - Luteinising hormone 7 time

LH7T *

1mL 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 ° CMIA

LH - Luteinising hormone 8 time

LH8T *

1mL 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 ° CMIA

LH - Luteinising hormone 9 time

LH9T *

1mL 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 ° CMIA

LH - Luteinising hormone - serum

LH *

1mL Serum ° Refrigerated

1 day ° CMIA

Enclose clinical details
Attach age and period of cycle

LH - Luteinising hormone - urines

LHU *

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

15 days ° Chemiluminescence

This test automatically includes the urine LH level for children
Specify diuresis

Lidocaine - Serum

LIDO *

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

2 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Lipase - aspiration biopsy

LIPAD *

1mL Aspiration biopsy ° Refrigerated

1 day ° Colorimetry

Lipase - serum — LIPA *

1mL Serum ° Refrigerated

1 day ° Chemistry - Spectrophotometry

Lipase - urine — LIPAU *

1tube(s) 24hr or random urine sample ° Refrigerated

1 day ° Colorimetry

Specify diuresis

Tube for urine sample (4mL)-T28

Lipofuscinosis Neuronal Ceroide enzymatic deficiency - whole blood — CLNX *

5mL EDTA whole blood ° Refrigerated

10 days °

Lipoprotein Lp(a) - serum — LPA *

1mL 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

1mL Serum ° FROZEN

15 days ° Chemiluminescence

One maximum freeze/thaw cycle

Listeria monocytogenes - direct diagnosis - PCR — LISBM

1mL CSF ° Refrigerated

3 days ° Real-time PCR

The use of the S14UK transport bag is Mandatory.

Lithium par spectrophométrie - serum

LI *

1mL Serum ° Refrigerated

2 days ° Spectrometry

Enclose the specific clinical information form (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

L-Lactate - urines

LLACX *

10mL Urines ° FROZEN before sending

4 weeks °

LLC-Diagnosis - NGS panel(Treatment and resistance mutations) BAX/BCL2/BTK/CARD11/EP300/MCL1/ NOTCH1/PLCG2/SF3B1/TP53

LLCTR

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

10 days ° Method: Targeted sequencing of genes (NGS).
- Library: Library Preparation Enzymatic Fragmentation Kit 2.0

Sample must be refrigerated if transport is > 48 hours
Samples to be collected from Monday to Wednesday
Use the specific request form B8-INTGB: Malignant blood disorders
Attach:
- the results of the FBC- platelets
- the myelogram 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 - whole blood

LMMCP *

5mL EDTA whole blood ° Ambient temperature or Refrigerated

30 days ° RQ-PCR

LMMC - whole blood

CEBPA *

5mL EDTA whole blood ° Ambient temperature

30 days ° PCR + sequencing

Lopinavir - Serum

LOPI *

3mL 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)

Loprazolam - Serum

LOPRA *

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

10 days ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Lorazepam - Serum

LORAZ *

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

2 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Lormetazepam - Serum

LORME *

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Loxapine - Serum

LOXAP *

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

LSD - Lysergic acid diethylamide

LSDS *

2mL Serum (kept away from light), do not use tube with separator gel ° FROZEN

2 weeks ° Liquid chromatography / Tandem mass spectrometry (LC-TMS/MS)

Freeze the sample within 4 hours after sampling
1 individual aliquot for this analysis.
[To be translated]

LSD - Lysergic acid diethylamide - biological fluid

LSDD *

2mL 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
[To be translated]

LSD - Lysergic acid diethylamide - Urine

LSDC *

1tube(s) Random urine sample (stored away from light) ° FROZEN

2 weeks ° Liquid chromatography / Tandem mass spectrometry (LC-TMS/MS)

Sample to be frozen within 1 hour. Home sampling is not advisable.
[To be translated]

Tube for urine sample (4mL)-T28

Lyme disease - IgG/IgM screening serology - serum

BOR *

1mL Serum ° Refrigerated

2 days ° Chemiluminescence

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

Lyme disease - IgG intrathecal index - CSF + serum

BOINT *

1 mL CSF + 1 mL Serum (IMPERATIVE) ° Refrigerated

4 days ° Chemiluminescence and Immunoturbidimetry

a specific tube for CSF

Lyme disease - screening serology - CSF

BORPL *

1mL CSF ° Refrigerated

2 days ° Chemiluminescence

Lyso-Gb3

LGB3 *

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

6 weeks ° Tandem mass spectrometry (MS/MS)

Enclose the specific clinical information form (R26-INTGB : Metabolic Biochemistry)
1 individual aliquot for this analysis.
Centrifuge, Decant, freeze rapidly

Lysozyme - serum — LYSO *

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

4 days ° Turbidimetry

Magnesium - serum — MG *

1mL Serum ° Refrigerated

2 days ° Chemistry - Spectrophotometry

Magnesium - urines — MGU *

1tube(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

Tube for urine sample (4mL)-T28

Malaria - serology - serum — PALU

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

14 days ° ELISA

Malondialdehyde - plasma — MDA *

1mL Lithium heparin plasma ° FROZEN

3 weeks ° Fluorometry

Refrigerated centrifugation
Sample to be frozen within 1 hour. Home sampling is not advisable.

Mandelic acid - urine — MAND *

15mL Random urine ° Refrigerated

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

Sample at end of work shift

T9 : Urine flasks 70 ml

Manganese - Serum

MN *

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

15 days ° ICP/MS

Manganese - urine

MNU *

10mL Random urine ° Refrigerated

15 days ° ICP/MS

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

T9 : Urine flasks 70 ml

Manganese - whole blood

MNST *

5mL Heparin whole blood (stored away from light) ° Refrigerated

10 days ° ICP/MS

Maprotiline - Serum

MAPRH *

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

2 weeks ° GCMS

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.
Always draw blood at the same time before another administration

Maraviroc - Serum

MARA *

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

2 weeks ° LCMS

Always sample at the same time before another administration
Attach the clinical data sheet

Marie Charcot Tooth Disease - whole blood

CHARC *

5mL EDTA whole blood ° Ambient temperature

30 days ° PCR

Enclose the specific B12-INTGB request form: Molecular Genetics

Markers in progressive systemic sclerosis(Scleroderma) - serum — SCLER *

1mL Serum ° Refrigerated

1 week ° Immunodot

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

5mL EDTA whole blood ° Ambient temperature

30 days ° RT - PCR

M-BCR ABL variant - quantification- - whole blood — QMBCR *

5mL EDTA whole blood ° Ambient temperature

30 days ° RT - PCR

MDS- NGS panel (Myelodysplastic syndrome) - (41 Genes) — MYSMD

[Indéfinie] 2 x 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

Sample must be refrigerated if transport is > 48 hours
Samples to be collected from Monday to Wednesday
Use the specific request form B8-INTGB: Malignant blood disorders
Attach:
- the results of the FBC - platelets
- the myelogram report

Measles - direct diagnosis - PCR — ROUBM

Saliva, Oropharynx, Nasopharynx, bronchial aspiration, BAL, CSF, urine ° Refrigerated

1 day ° Real-time PCR

The use of the 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 they are, in sterile bottles, without transport medium.

K1: Virus screening kit by culture or PCR

Measles - IgG/IgM serology - serum

ROUG *

1mL Serum ° Refrigerated

2 days ° Chemiluminescence

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

Measles IgG - intrathecal synthesis rate - CSF + serum

ROUPL *

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

20 days ° Enzyme-immunoassay

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

Measles - immunity test - IgG serology - serum

ROUGG *

1mL Serum ° Refrigerated

2 days ° Chemiluminescence

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

Melatonin

MELAS *

2mL EDTA plasma ° FROZEN

3 months ° Radioimmunoassay

1 individual aliquot for this analysis.
Night time sample required, between midnight and 4am

Melatonin - urine

MELAU *

1tube(s) Urine ° FROZEN

5 weeks °

Make 3 different collection
Fom 08.00 pm to 08.00 am
From 08. Am to 12.00 am
From 12.00 am to 08.00 pm

Please indicate the urine volume for each collection on the request form and on the tubes , and send us only 4 mL of each collection
Attach the clinical data

Tube for urine sample (4mL)-T28

Melatonin - urines

MELT3 *

1tube(s) Urines ° FROZEN

5 weeks °

[To be translated]

Tube for urine sample (4mL)-T28

Mepivacaine - serum

MEPI *

2mL Serum ° 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.

Meprobamate - Serum

MEPS *

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

2 weeks ° Gas Phase Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Meprobamate - urine

MEPU *

1tube(s) urine sample ° Refrigerated

2 weeks ° Gas Phase Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)

Tube for urine sample (4mL)-T28

Mercury - biological fluid

HGD *

5mL Biological fluid ° Refrigerated

3 weeks ° Atomic absorption

Transfer whole blood into a special glass tube with a PTFE lid

Mercury - hair specimen — HGCH *

200mg Hair specimen ° Ambient temperature

3 weeks ° Atomic absorption

Cut a match-sized lock of hair next to the scalp
Place the lock in a glass or plastic tube

Mercury - saliva — HGS *

5mL Saliva ° Refrigerated

3 weeks ° Atomic absorption

[To be translated]
Sample at end of work shift

Mercury - urine — HGU *

20mL urine sample ° Refrigerated

3 weeks ° Atomic absorption

Collect the sample on a plastic container
[To be translated]
Sample at end of work shift

T9 : Urine flasks 70 ml

Mercury - whole blood — HGST *

5mL EDTA whole blood or Heparin ° Refrigerated

3 weeks ° Atomic absorption

Do not use tubes containing merthiolate
[To be translated]

Metabolic Enzymes - whole blood — ENZYX *

10mL EDTA whole blood ° Refrigerated

4 weeks °

Metapneumovirus - hMPV - direct diagnosis - PCR — METBM

1mL Nasopharyngeal aspirate and swab, BAL ° Refrigerated

2 days ° Real-time PCR

Also available in multiplex PCR (VIRBM) which includes detection of RSV, HMPV and rhinoviruses.
The use of the S14UK transport bag is Mandatory.

K1: Virus screening kit by culture or PCR

Metformin - biological fluid

METFD *

2mL 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.

Metformin - Serum

METFO *

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

2 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)

Methadone and EDDP - Serum

MTDS *

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.
[To be translated]

Methadone - screening - urine

MTD *

1mL Random urine ° Refrigerated

1 day ° Immuno-enzymatique en phase homogene

[To be translated]

Tube for urine sample (4mL)-T28

Methaqualone - Serum

MQUAL *

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.
[To be translated]

Methionine — METHI

1mL 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)
Sample in a fasting state (for infants, draw sample 3-4 hours after bottle)
Sample to be frozen within 1 hour. Home sampling is not advisable.
1 individual aliquot for this analysis.

Methotrexate - Serum — METHO *

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

1 week ° Enzyme-immunoassay

Enclose the specific clinical information form (R13-INTGB : Medication quantification)

Methoxy 1 propanol 2 - 2PG1ME - urine — MEPRO *

10mL urine sample ° Refrigerated

1 month ° 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

Methoxylated derivatives of catecholamines - Free metanephrines — METS

2mL lithium heparin plasma (do not use tubes with separator gel) ° FROZEN

6 days ° LCMS/MS

Fasting sample
Sample to be frozen within 1 hour. Home sampling is not advisable.
2 specific aliquots for this analysis

Methoxylated derivatives of catecholamines - Free metanephrines - child - urine — MTAEN

2tube(s) Random urine ° FROZEN

4 days ° LCMS/MS

Code reserved for children < 18 years of age (see specific code for adults).
1 individual aliquot for this analysis.
Freeze quickly after the end of the collection.
No need of specific diet anymore.
Do not transmit pot

Tube for urine sample (4mL)-T28

Methoxylated derivatives of catecholamines - Free metanephrines - Urine — MTANU

1tube(s) Homogenized 24H urine ° FROZEN

4 days ° LCMS/MS

Code reserved for adults from 18 years old (see specific code for children).
1 individual aliquot 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.
Do not transmit pot

Tube for urine sample (4mL)-T28

Methycitric acid - urines — AMCIT *

10mL 24hr or random urine sample (child) ° FROZEN

1 week °

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

T9 : Urine flasks 70 ml

Methyl alcohol - Serum — METH *

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

1 week ° Gas Phase Chromatography

Always indicate the clinical context
1 individual aliquot for this analysis.

Methyl alcohol - urine — METHU *

10mL urine sample ° Refrigerated

25 days ° Gas Phase Chromatography / FID detection

Sample at end of work shift

T9 : Urine flasks 70 ml

Methylenetetrahydrofolate reductase - MTHFR gene - c.1298A>C mutation - whole blood — MTHF2

5mL EDTA whole blood ° Ambient temperature

9 days ° LAMP PCR

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Sample must be refrigerated if transport is > 48 hours

Methylenetetrahydrofolate reductase - MTHFR gene - c.677C>T mutation - whole blood — MTHFR

5mL EDTA whole blood ° Ambient temperature

9 days ° LAMP PCR

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Sample must be refrigerated if transport is > 48 hours
Enclose the specific B12-INTGB request form: Molecular Genetics

Methyl ethyl ketone - urine — MECET *

10mL urine sample ° Refrigerated

3 weeks ° Gas Phase Chromatography / FID detection

Glass container with PTFE stopper, supplied upon request
Sample at end of work shift

T18 : Glass flask, PFTE lid for organic solvents detection - urine

Methylhippuric acid - urine — MAH *

10mL 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

T9 : Urine flasks 70 ml

Methyl isobutyl ketone - urine — MIBK *

10mL urine sample ° Refrigerated

3 weeks ° Gas Phase Chromatography / FID detection

Glass container with PTFE stopper, supplied upon request

T18 : Glass flask, PFTE lid for organic solvents detection - urine

Methylmalonic acid — MALON *

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

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

Enclose the specific clinical information form (R26-INTGB : Metabolic Biochemistry)
Fasting sample
Sample to be frozen within 1 hour. Home sampling is not advisable.
1 individual aliquot for this analysis.

Methylmalonic acid - urines

MALOU *

15mL Early morning urine ° FROZEN

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

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

Methylphenidate Hydrochloride - Serum

RITAL *

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

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

1 individual aliquot for this analysis.

Metoprolol - Serum

MTPRO *

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

Variable TAT ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)

Mevalonate kinase - whole blood

MEVA *

4mL EDTA whole blood °

2 to 5 days °

Mevalonic acid - urine

MEVAL *

10mL Early morning urine ° FROZEN

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

Enclose the specific clinical information form (R26-INTGB : Metabolic Biochemistry)
Sample to be frozen within 1 hour. Home sampling is not advisable.
Sample during attack.

T9 : Urine flasks 70 ml

Mianserin - Serum

MIAN *

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

2 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Microalbumin - urine

MALB *

500µL 24 hour urine or random urine ° Refrigerated

1 day ° Immuno turbidimetry

Possible preservatives: chlorydric acid 6N, acetic acid, chloroform, formalin, toluene, xylene.
Avoid repeated freezing/thawing cycles
Specify diuresis

Tube for urine sample (4mL)-T28

Microsatellite instability

MICSA *

[To be translated] ° 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

Microscopy examination direct - stool

MICRS *

20g Stool sample ° Refrigerated

3 days °

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

Midazolam - Serum

MIDAZ *

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

10 days ° HPLC - High Performance Liquid Chromatography / DAD

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Middle East allergy profile - specific IgE

PANMO

2mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

Milnacipran - Serum

MILNA *

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
Sample to be frozen within 1 hour. Home sampling is not advisable.

Minocycline - Serum

MINO *

2mL 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

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot 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 *

2mL Heparin Plasma ° FROZEN

3 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
Sample to be frozen within 1 hour. Home sampling is not advisable.

MLL-AF4 (MLL-AFF1) quantitative PCR - whole blood

MLLAF *

5mL EDTA whole blood ° Ambient temperature

30 days ° PCR

Moclobemide - Serum — MOCL *

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

2 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)

Molecular panel acute leukemia - whole blood — BMLEA *

5mL EDTA whole blood ° Ambient temperature

30 days °

Enclose the specific B12-INTGB request form: Molecular Genetics

Molybdenum - plasma — MOLYP *

2mL Heparin Plasma ° Refrigerated

2 weeks ° Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)

Molybdenum - urine — MOLYU *

2mL urine sample ° Refrigerated

2 weeks ° Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)

T9 : Urine flasks 70 ml

Moxifloxacin - Serum — MOXIF *

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

10 days ° HPLC - High Performance Liquid Chromatography

Centrifuge the sample and decant rapidly
Specify the drug intake prescription, sample time and drug intake time: "peak" level (at the end of the perfusion or 2 hours after intake per os)
1 individual aliquot for this analysis.

MPN-Diagnosis 2 NGS panel(Myeloproliferative neoplasms) : JAK2/CALR/MPL/CSF3R/SETBP1/SRSF2 — MYSD2

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

This analysis is replaced by the MYSDG analysis

S9L: Envelopes yellow for karyotypes LYON

MPN-Diagnosis-(DG) NGS panel(Myeloproliferative neoplasms) CARL/CSF3R/ETNK1/JAK2/MPL/ SETBP1/SF3B1 — MYSDG

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

10 days ° Method: Targeted sequencing of genes (NGS).
- Library: Library Preparation Enzymatic Fragmentation Kit 2.0

Sample must be refrigerated if transport is > 48 hours
Samples to be collected from Monday to Wednesday
Use the specific request form B8-INTGB: Malignant blood disorders
Attach:
- the results of the FBC - platelets
- the myelogram report

S9L: Envelopes yellow for karyotypes LYON

MUC1 Nephropathie - whole blood — MUC1

5mL EDTA whole blood ° Ambient temperature

1 month ° SnapShot

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Sample must be refrigerated if transport is > 48 hours
Enclose the specific B12-INTGB request form: Molecular Genetics
Attach the clinical data

Mucopolysaccharides - urines — MPSU *

30mL 24hr or random urine sample (child) ° FROZEN

4 weeks °

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

T9 : Urine flasks 70 ml

Multiplex-Aberration screening 28 Markers (AML, ALL, CML) - whole blood — SC28M *

5mL EDTA whole blood ° Ambient temperature

30 days ° mDX® Hemavision® System, realtime RT-PCR

Mumps - direct diagnosis - PCR — OREBM

Saliva, nasopharynx, CSF ° Refrigerated

5 days ° RT - PCR in real time

The use of the 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 they are, in sterile bottles, without transport medium.

K1: Virus screening kit by culture or PCR

Mumps - IgG/IgM serology - serum

ORE *

1mL Serum ° Refrigerated

2 days ° Chemiluminescence

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

Mumps - IgG serology - serum

OREG *

1mL Serum ° Refrigerated

2 days ° Chemiluminescence

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

Mycobacteria - culture

BKDEF

[Indéfinie] Expectoration (3 consecutive days), BAL, Bronchial aspiration, pulmonary sample, pleural fluid, synovial fluid, ascite fluid, gastric fluid, Gastric intubation, Pericardic fluid : 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.
Citrated whole blood : 10mL
Bone marrow ° Refrigerated

6 weeks (final result). All positive results are released the same day ° Liquid medium and solid medium

Always specify the sample type
Enclose the specific clinical information form (R12-INTGB : Mycobacteria)
The use of the 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
, pulmonary sample
, pleural fluid, synovial fluid, ascite fluid, gastric fluid, Gastric intubation
Pericardic fluid : 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 Ziehl stain

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

S14: Special mycobacteria transport bags are to be used

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 ° Real time PCR

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

#VALEURMULTI

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

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

3 days ° Molecular biology

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

S10: Diagnobox (three layers of sealed packaging)

Mycobacteria - PCR M. tuberculosis complex (BKBM) — BKBM

Lung samples, tissue samples, puncture fluid, urine (30 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 S14UK transport bag is Mandatory.
Do not use heparinised tubes

S14: Special mycobacteria transport bags are to be used

Mycobacteria - susceptibility testing — ABMA

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

20 days ° Liquid medium or solid medium

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

S10: Diagnobox (three layers of sealed packaging)

Mycobacterium tuberculosis - identification — IDMA

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

6 days ° Molecular biology

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)

Mycophenolate - plasma MPHEN *

2mL EDTA Plasma ° Refrigerated

2 days ° CEDIA enzyme immunosorbent technique

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

Mycoplasma genitalium - Detection by molecular amplification MYCBM *

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 : first morning urines at ambient temperature ° Ambient temperature

3 days ° Molecular biology

K11: Aptima Unisex Swab Collection Kit for endocervical and urethral swabs
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.
Do not use K1 KITS (NEST medium)

Mycoplasma genitalium Search for mutations associated with macrolide resistance RMGEN *

1mL Urine, Vaginal swab, Self-swab, Endocervix, Urethra,rectal
Throat, pharynx, semen ° Ambient temperature

10 days ° PCR

K11: Aptima Unisex Swab Collection Kit for endocervical and urethral swabs
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.

Mycoplasma pneumoniae - direct diagnosis - PCR — MYPBM

Nasopharyngeal swabs and aspirates, BAL, sputum, CSF, pericardial fluid, joint fluid, biopsies (pulmonary, vascular, cardiac) ° Refrigerated

3 days ° Real-time PCR

The use of the S14UK transport bag is Mandatory.
Samples (other than swabs) must be sent as they are, in sterile bottles, without transport medium.

K1: Virus screening kit by culture or PCR

Mycoplasma pneumoniae - IgG serology - serum — MYCPN *

1mL Serum ° Refrigerated

3 days ° Chemiluminescence

For children, Mycoplasma pneumoniae IgM serology will be automatically performed.

Mycoplasma pneumoniae - IgM serology - serum — MYCOM *

1mL Serum ° Refrigerated

3 days ° Chemiluminescence

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

MYD88 mutation — MYD88 *

EDTA bone marrow or DNA extracted (200ng of DNA minimum) ° Ambient temperature

1 month ° RT - 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

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)

Myoglobin - serum — MYOG *

1mL Serum ° FROZEN

1 day ° EIA

Myoglobin - urine

MYOGU *

1tube(s) 24hr or random urine sample ° FROZEN

4 days ° Electrochemiluminescence

Specify diuresis

Tube for urine sample (4mL)-T28

Myosite Markers - serum

SYNTH *

1mL Serum ° Refrigerated

3 days ° Immunodot

Naphtols (alpha and beta) - urine

NAPHT *

15mL urine sample ° Refrigerated

3 weeks ° Liquid Phase Chromatography / Fluorimetry

Collect the sample on a plastic container

T9 : Urine flasks 70 ml

Naropeine - serum

NARO *

2mL Serum ° Refrigerated

2 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)

NASH-FibroTest - serum

NASHT *

3mL Non haemolysed serum ° FROZEN

5 days ° Biochemistry

Centrifuge the sample and decant rapidly
Fasting sample

Neisseria gonorrhoeae - Detection by molecular amplification

NGOBM *

[Indéfinie] 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 : first morning urines at ambient temperature ° Ambient temperature

3 days ° Molecular biology

K11: Kit for Chlamydia trachomatis and/ or Neisseria gonorrhoeae APTIMA for urethral and endocervical samples
K12: Kit Chamydia trachomatis and/or Neisseria gonorrhoeae APTIMA pour urine samples:
In the absence of APTIMA K12 medium: Send a sterile urine container without additive.
REQUIRE jars to be fitted with an integrated transfer needle or cannula.
K14: Kit Chlamydia trachomatis and/or Neisseria gonorrhoeae APTIMA for self sampling (vaginal, anal and pharyngeal).
Kit K11: Only the blue tipped collection swab should be placed in the APTIMA medium. Carefully cut the swab tip at the cutting line before closing the swab sample transport tube (airtight). Kit K12: the
urine should be transferred into the urine APTIMA specimen transport in less than 24 hours (2 mL). Biopsy samples should place immediately into a K11 APTIMA or an M4RT transport medium.
Do not use K1 KITS (NEST medium)

Neopterin - LCR

NEOPL *

1mL LCR ° FROZEN

3 weeks ° Radioimmunoassay

Sample to be frozen within 1 hour. Home sampling is not advisable.
1 individual aliquot for this analysis.

Neopterin - plasma

NEOP *

1mL Lithium heparin plasma ° FROZEN

1 month ° Radioimmunoassay

Sample to be frozen within 1 hour. Home sampling is not advisable.

Neopterin - urine

NEOPU *

20mL Early morning urine ° FROZEN

60 days ° Radioimmunoassay

Sample to be frozen within 1 hour. Home sampling is not advisable.

T9 : Urine flasks 70 ml

Nephrology exome — EXONP

5mL 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

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Trio whole exome sequencing assay requires an EDTA whole blood sample for each parent (mother and father)
If the sample is transported at room temperature, the sample must reached our facility within 4 days. in case of longer transport time, please send the sample in refregirated condition.
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

Nesdonal - Serum — NESDO *

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

2 weeks ° HPLC - High Performance Liquid Chromatography / DAD

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

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

5mL 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 Twist, Seq Illumina 2x150 Novaseq 6000. Perf: #

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.
According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
If the sample is transported at room temperature, the sample must reached our facility within 4 days. in case of longer transport time, please send the sample in refregirated condition.
In case of urgent collection, please inform us when sending.
Use the B67 application form

Nevirapine — NEVI *

3mL EDTA Plasma ° FROZEN

3 weeks ° HPLC - High Performance Liquid Chromatography

Sample at TO (before intake) T4H (after intake)
Enclose the specific clinical information form (R6-INTGB : Anti retroviral treatment)

NGS "COLORECTAL 1" panel: KRAS, NRAS, BRAF — COLO1

Tumoral block included in paraffin or slides (6 slides 5µm) or DNA extract ° Ambient temperature

10 days (Results may require an extended turnaround time, one week, depending on the confirmation tests required by Sanger

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

NGS "COLORECTAL 2"panel : AKT1, ALK, BRAF, CTNNB1, EGFR, HER2, FBXW7, FGFR1, FGFR2, FGFR3, KIT, KRAS, MAP2K1, MET, NRAS, PDGFRA, PIK3CA, PTEN, SMAD4, STK11, TP53 — COLO2

Tumoral block included in paraffin or slides (6 slides 5µm) or DNA extract ° Ambient temperature

10 days (Results may require an extended turnaround time, one week, depending on the confirmation tests required by Sanger

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

NGS "GIST " panel : KIT, PDGFRA, BRAF — GIST

Tumoral block included in paraffin or slides (6 slides 5µm) or DNA extract ° Ambient temperature

10 days (Results may require an extended turnaround time, one week, depending on the confirmation tests required by Sanger

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

NGS "LUNG1" panel: AKT1, ALK, BRAF, DDR2, EGFR, HER2, FGFR1, FGFR2, FGFR3, KIT, KRAS, MAP2K1, MET, NRAS, PDGFRA, PIK3CA, PTEN, STK11, TP53 — POUM2

Tumoral block included in paraffin or slides (6 slides 5µm) or DNA extract ° Ambient temperature

10 days (Results may require an extended turnaround time, one week, depending on the confirmation tests required by Sanger

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

NGS "Melanoma" panel: BRAF, NRAS, KIT — MELA

Tumoral block included in paraffin or slides (6 slides 5µm) or DNA extract ° Ambient temperature

10 days (Results may require an extended turnaround time, one week, depending on the confirmation tests required by Sanger

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

NGS panel - CLL (for diagnostic, prognostic and Treatment) - (28 Genes) LLC

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

10 days ° Method: Targeted sequencing of genes (NGS).
- Library: Library Preparation Enzymatic Fragmentation Kit 2.0

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

S9L: Envelopes yellow for karyotypes LYON

NGS panel - LNHB (Non-Hodgkin lymphoma - B) - (45 Genes) LNHB

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

10 days ° Method: Targeted sequencing of genes (NGS).
- Library: Library Preparation Enzymatic Fragmentation Kit 2.0

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

NGS panel - LNHT (Non-Hodgkin lymphoma - T) - (19 Genes) LNHT

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

11 days ° Method: Targeted sequencing of genes (NGS).
- Library: Library Preparation Enzymatic Fragmentation Kit 2.0

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

S9L: Envelopes yellow for karyotypes LYON

NGS Panel "LUNG 1" : EGFR-BRAF-MET-KRAS POUM1

Tumoral block included in paraffin or slides (6 slides 5µm) or DNA extract ° Ambient temperature

10 days (Results may require an extended turnaround time, one week, depending on the confirmation tests required by Sanger

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

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 ° Method: Targeted sequencing of genes (NGS).
- Library: Library Preparation Enzymatic Fragmentation Kit 2.0

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

S9L: Envelopes yellow for karyotypes LYON

NGS panel "MPN - DP (Diagnosis/Pronostic)" - (27 Genes)

MYSDP

2 x 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

Sample must be refrigerated if transport is > 48 hours
Samples to be collected from Monday to Wednesday
Use the specific request form B8-INTGB: Malignant blood disorders
Attach:
- the results of the FBC - platelets
- the myelogram report

S9L: Envelopes yellow for karyotypes LYON

NGS "PAN ORGANE" panel: AKT1, ALK, BRAF, CTNNB1, DDR2, EGFR, ERBB2, ERBB4, FBXW7, FGFR1, FGFR2, FGFR3, KIT, KRAS, MAP2K1, MET, NOTCH1, NRAS, PDGFRA, PIK3CA, PTEN, SMAD4, STK11, TP53

PAN

Tumoral block included in paraffin or slides (6 slides 5µm) or DNA extract ° Ambient temperature

10 days (Results may require an extended turnaround time, one week, depending on the confirmation tests required by Sanger

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

Niaprazine - serum

NIAPR *

1mL Serum ° FROZEN

1 week ° HPLC - High Performance Liquid Chromatography / DAD

Do not use tubes with phase separator
1 individual aliquot 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

Nickel - biological fluid NID *

2mL Biological fluid ° Refrigerated

3 weeks ° Atomic absorption

Nickel - Serum NI *

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

1 month ° ICP/MS

Nickel - urines NIU *

10mL End of shift urine ° Refrigerated

15 days ° ICP/MS

Collect the sample at the end or at the beginning of a shift

T9 : Urine flasks 70 ml

Nitrazepam - Serum NITRA *

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

2 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

N-Methylacetamide - urine NMAC *

10mL urine sample ° Refrigerated

3 weeks ° Gas Phase Chromatography / NPD

Sample at end of work shift

N-Methylformamide - urine NMF *

10mL urine sample ° Refrigerated

3 weeks ° Gas Phase Chromatography / NPD

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

T9 : Urine flasks 70 ml

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)

Nordazepam - Serum — NORDA *

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

10 days ° HPLC - High Performance Liquid Chromatography / DAD

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Norovirus - direct diagnosis - PCR - Stools — NORBM

Stools ° Refrigerated

5 days ° Real time PCR

The use of the S14UK transport bag is Mandatory.

Norovirus - screening - Stools — NOROS

500mg Stools ° Refrigerated

1 day ° Immuno chromatography

Sample must be received and processed by Biomnis within 5 days of collection.
The use of the S14UK transport bag is Mandatory.

S14: Special mycobacteria transport bags are to be used

NPM1 mutation - whole blood — NPM1 *

5mL EDTA whole blood ° Ambient temperature

30 days °

NSAID and paracetamol allergy panel - specific IgE — PANME

2mL Serum ° Refrigerated

7 days ° Fluoro-Enzymoimmunology - Hycor

Use the specific request form B62: allergological panel

NSE - Neuron-Specific Enolase - biological fluid

NSED *

1mL 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.

NSE - Neuron-Specific Enolase - serum

NSE *

1mL Non haemolysed serum ° FROZEN

1 day ° Electrochemiluminescence

Sample to be frozen within 1 hour. Home sampling is not advisable.
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

NT-proBNP - N-Terminal Pro-Brain Natriuretic Peptide - serum

PRBNP *

1mL 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.

NTx - N-telopeptides of type I collagen - urines

NTX

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

2 weeks ° Enzyme-immunoassay

Fasting sample
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

Tube for urine sample (4mL)-T28

Nutritional protein profile - serum

PPN *

2mL Serum ° FROZEN

2 days ° Immuno turbidimetry

ALWAYS specify the patient's age and gender
This analysis includes: prealbumin, albumin, orosomucoid

nutritional proteins profile with PINI index - serum — PINI *

2mL Serum ° FROZEN

1 day ° Immuno turbidimetry

ALWAYS specify the age and sex. This analysis includes: prealbumin, albumin, orosomucoid, CRP

Nutritol - IgG food panel - 100 foods - serum — PA100

3mL Serum ° Refrigerated

3 weeks ° ELISA

Fasting sample
Avoid icteric, lipemic or hemolyzed samples

Nutritol - IgG food panel - 25 foods - serum — PAG25

3mL Serum ° Refrigerated

3 weeks ° ELISA

Fasting sample
Avoid icteric, lipemic or hemolyzed samples

Nutritol - IgG food panel 287 foods - serum — PA287

200µL Serum ° Refrigerated

3 weeks ° EIA

Fasting sample
Avoid icteric, lipemic or hemolyzed samples

Nutritol - IgG food panel - 50 foods - serum — PAG50

3mL Serum ° Refrigerated

3 weeks ° ELISA

Fasting sample
Avoid icteric, lipemic or hemolyzed samples

Nutritol - IgG food panel - 50 foods VEGAN - serum — PA50V

3mL Serum ° Refrigerated

21 days ° ELISA

Fasting sample
Avoid icteric, lipemic or hemolyzed samples

Nuts panel - specific IgE

PANFC

2mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

o-Cresol - urine

CRESO *

10mL urine sample ° Refrigerated

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

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

T9 : Urine flasks 70 ml

Oestradiol man/child - 2 time

E2EH2 *

1mL 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 *

1mL 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 *

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

3 days ° Radioimmunoassay

Always confirm if patient is under Fulvestrant treatment

Oestradiol man/child - 5 time

E2EH5 *

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

3 days ° Radioimmunoassay

Always confirm if patient is under Fulvestrant treatment

Oestradiol man/child - 6 time

E2EH6 *

1mL 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

3 days ° Radioimmunoassay

Always confirm if patient is under Fulvestrant treatment

Oestradiol man/child - 7 time

E2EH7 *

1mL 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

3 days ° Radioimmunoassay

Always confirm if patient is under Fulvestrant treatment

Oestradiol - man/child - serum

E2EH *

1mL Serum ° Refrigerated

3 days ° Radioimmunoassay

Always confirm if patient is under Fulvestrant treatment

Oestradiol - woman - serum

E2F *

2mL Serum ° Refrigerated

3 days ° Radioimmunoassay

Oestrone - serum

E1CH *

1mL Serum ° Refrigerated

2 weeks ° Radioimmunoassay

Ofloxacin - Serum

OFLO *

2mL 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 (R13-INTGB : Medication quantification)
Specify the drug intake prescription, sample time and drug intake time: "peak" level (at the end of the perfusion or 2 hours after intake per os)
1 individual aliquot for this analysis.

Olanzapine

OLAN

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.
Always draw blood at the same time before another administration
The following examinations can be performed on the same sample: Aripiprazole; Clozapine; Haloperidol; olanzapine; Quétiapine; Rispéridone.

Oligosaccharides - screening - urine

OLIGU *

[Indéfinie] Urine ° FROZEN

3 weeks °

Enclose the specific clinical information form (R26-INTGB : Metabolic Biochemistry)
Freeze the sample within 1 hour after sampling

T9 : Urine flasks 70 ml

Oncogenetic exome — EXONC

5mL 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

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Trio whole exome sequencing assay requires an EDTA whole blood sample for each parent (mother and father)
If the sample is transported at room temperature, the sample must reached our facility within 4 days. in case of longer transport time, please send the sample in refregirated condition.
Please inform us when an urgent or prenatal exome is expected.
Please see the specific form N34- Whole exome sequencing
Use the B67 application form

K34 : Kit Exome

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

5mL 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 Twist, Seq Illumina 2x150 Novaseq 6000. Perf: #

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.
According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
If the sample is transported at room temperature, the sample must reached our facility within 4 days. in case of longer transport time, please send the sample in refregirated condition.
In case of urgent collection, please inform us when sending.
Use the B67 application form

Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A, CHEK2, EGFR, ERBB2, MET, NBN, PRKN, RTEL1, STN1, TP53, VHL — EOPOU

5mL 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 Twist, Seq Illumina 2x150 Novaseq 6000. Perf: #

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.
According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
If the sample is transported at room temperature, the sample must reached our facility within 4 days. in case of longer transport time, please send the sample in refregirated condition.
In case of urgent collection, please inform us when sending.
Use the B67 application form

K34 : Kit Exome

Opiates - biological fluid — OPID *

2mL Biological fluid ° Refrigerated

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

[To be translated]

Opiates - dosage - plasma — OPIS

2mL 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)
[To be translated]

Opiates - dosage - urines — OPIU

2mL urines ° Refrigerated

4 days ° LC-MS/MS

[To be translated]

Tube for urine sample (4mL)-T28

Oral anticoagulants : Fluindione - Serum — FLUIN *

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

2 weeks ° HPLC - High Performance Liquid Chromatography / DAD

Oral anticoagulants : Rodenticides - Serum — AVK *

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

2 weeks ° HPLC - High Performance Liquid Chromatography / DAD

1 individual aliquot for this analysis.

Oral anticoagulants : Warfarin - Serum — WARFA *

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

2 weeks ° HPLC - High Performance Liquid Chromatography / DAD

1 individual aliquot for this analysis.

Organic acids - quantitative - urine

ORGU

2tube(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 *

1mL Serum ° FROZEN

2 days ° Immuno turbidimetry

ALWAYS specify the patient's age and gender

Orotic acid - urines

OROUX *

10mL Urines ° Refrigerated

4 weeks °

Osmolarity - serum

OSM *

1mL Serum ° Refrigerated

2 days ° Cryoscopy

Osmolarity - urines

OSMU *

1tube(s) 24hr or random urine (unacidified - no preservatives) ° Refrigerated

2 days ° Cryoscopy

Tube for urine sample (4mL)-T28

Osteocalcin - serum

OSTEO *

1mL Non haemolysed serum ° FROZEN

1 day ° Electrochemiluminescence

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.

Oxacillin - Serum

OXAC *

2mL 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 - serum

OXA *

3mL Serum ° FROZEN

1 month ° Chemistry - Spectrophotometry

Enclose the specific clinical information form (R26-INTGB : Metabolic Biochemistry)
Sample in a fasting state (for infants, draw sample 3-4 hours after bottle)
Sample to be frozen within 1 hour. Home sampling is not advisable.
1 individual aliquot for this analysis.

Oxalic acid - urine

OXAU

2tube(s) Acidified 24 hr urine (pH 2-3) ° Refrigerated

5 days ° Spectrophotometry or ionic chromatography

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.

Tube for urine sample (4mL)-T28

Oxazepam - Serum — OXAZ *

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

2 weeks ° LCMS

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Oxidised LDL - serum — LDLOX

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

3 weeks ° Enzyme-immunoassay

P1NP - Intact N-Terminal Propeptide of Type I Procollagen - serum — P1NP *

1mL 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.

Paediatric respiratory viruses (RSV / Metapneumovirus / Rhinovirus) - direct diagnosis - PCR — VIRBM

[Indéfinie] Nasopharynx, bronchial secretions, BAL: ° Refrigerated

2 days ° Real-time PCR

The use of the 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 they are, in sterile bottles, without transport medium.

K1: Virus screening kit by culture or PCR

PAI1 - Plasminogen activator inhibitor-1 - mutation - whole blood — PAIMY *

5mL EDTA whole blood ° Ambient temperature

4 weeks °

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Sample must be refrigerated if transport is > 48 hours
Enclose the specific B12-INTGB request form: Molecular Genetics

PAI1 - Plasminogen activator inhibitor-1 - plasma

PAI1 *

1mL Citrated Plasma ° FROZEN

2 weeks ° Enzyme-immunoassay

1 individual aliquot 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.

Pancreatic oncogenetic panel Target genes : APC, ATM, BRCA1, BRCA2, CDK4, CDKN2A, EPCAM, MEN1, MLH1, MSH2, MSH6, PALB2, PMS2, STK11, TP53, VHL

EOPAN

5mL 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 Twist, Seq Illumina 2x150 Novaseq 6000. Perf: #

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.
According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
If the sample is transported at room temperature, the sample must reached our facility within 4 days. in case of longer transport time, please send the sample in refregirated condition.
In case of urgent collection, please inform us when sending.
Use the B67 application form

K34 : Kit Exome

Pancreatic polypeptide - Serum

PPA *

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

2 weeks ° Radioimmunoassay

Centrifuge quickly at cooled temperature and immediately freeze serum

Panel Cytokine - IL1 beta, IL2, IL4 and IL6 - serum

CYTPA

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

3 weeks ° Chemiluminescence

Panel : Extensive Auto Abs Screen

XAUT2 *

1.5mL Serum ° Refrigerated

1 week °

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

5mL 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 Twist, Seq Illumina 2x150 Novaseq 6000. Perf: #

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.
According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
If the sample is transported at room temperature, the sample must reached our facility within 4 days. in case of longer transport time, please send the sample in refregirated condition.
In case of urgent collection, please inform us when sending.
Use the B67 application form

K34 : Kit Exome

Panel oncogénétique Rétinoblastome Gène ciblé : RB1 — CUR10 *

[To be translated] ° Ambient temperature

3 months °

[To be translated]
Use the B67 application form

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

7 days ° [To be translated]

Biopsies should be placed as they are, in a dry tube and The use of the 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 they are, in sterile bottles, without transport medium.

K1: Virus screening kit by culture or PCR

Paragonimiasis - serum — PARAG *

1mL Serum ° Refrigerated

1 month ° Western-Blot

Parainfluenzae 1, 2, 3 - IgG serology - serum — PINF

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

15 days ° SERION ELISA classic

Paraquat - Serum — PARAQ *

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

10 days ° HPLC - High Performance Liquid Chromatography / DAD

1 individual aliquot for this analysis.

Paraquat - urine — PARQU *

20mL urine sample ° Refrigerated

10 days ° Colorimetry

T9 : Urine flasks 70 ml

Parasitology - microscopy - Stools — PARSP *

Stools ° Refrigerated

5 days ° Microscopy

The use of the S14UK transport bag is Mandatory.
Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology
This analysis is carried out in collaboration with the Clermont-Ferrand University Hospital; however, it can be performed in our laboratory.
[To be translated]

S14: Special mycobacteria transport bags are to be used

Parechovirus - direct diagnosis - PCR — PECBM

1mL Stool, CSF, Rhinopharynx ° Refrigerated

5 days ° Real-time PCR

The use of the 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 they are, in sterile bottles, without transport medium.

K1: Virus screening kit by culture or PCR

Paroxetine - serum — PAROX

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.
The following examinations can be performed on the same sample: Citalopram; Duloxetine; Fluoxetine; Fluvoxamaine; Mirtazapine; Paroxetine; Sertraline; Venlaflaxine.

Parvovirus B19 - direct diagnosis - PCR — PARBM

1mL 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 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

8mL amniotic fluid ° Refrigerated

3 days ° Real-time PCR

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

Parvovirus B19 - IgG/IgM serology - serum — PARV *

1mL Serum ° Refrigerated

2 days ° Chemiluminescence

Parvovirus B19 - immunity test - serum — PARVG *

1mL Serum ° Refrigerated

2 days ° Chemiluminescence

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

Parvovirus B19 - viral load — PARVQ

1mL EDTA whold blood or blood derivatives (serum/plasma) ° Refrigerated

6 days ° Real-time PCR

The use of the S14UK transport bag is Mandatory.

PDGFR alpha - exons 12, 14, 18 — PDGFR *

Paraffin-embedded tumor block or paraffin slides ° Ambient temperature

4 weeks ° PCR + sequencing

Attach the anatomopathological report

Pefloxacin - Serum — PEFLO *

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

1 week ° Microbiological method

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

Perampanel - Serum - PERAMPANEL — PERAM *

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

15 days ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

PerFluoroAlkylSubstances (PFAS) - Serum — PFAS *

4mL Serum (do not use tubes with separator gel) ° Refrigerated

3 weeks ° LCMS/MS

Centrifuge within 4 hours
Transfer to a secondary tube before sending

Periciazine - Serum — PERIZ *

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

2 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Pertussis - serology — COQWB

1mL Serum (non haemolysed, non lactescent) or plasma whatever the sample, no 10 mL tube ° Refrigerated

7 days ° Enzyme-immunoassay

Pesticides - screening and/or dosage — PESTS *

3mL Serum (avoid tubes with separators) ° FROZEN

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

1 individual aliquot for this analysis.

Pesticides - screening and/or dosage - biological fluid — PESTD *

15mL Biological fluid ° FROZEN

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

Pesticides - screening and/or dosage - urine — PESTU *

15mL Urine ° FROZEN

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

T9 : Urine flasks 70 ml

Phencyclidine - screening - urine — PHEN *

1mL urine ° Refrigerated

1 day ° Homogeneous phase enzyme-linked immunosorbent technique

[To be translated]

Tube for urine sample (4mL)-T28

Phencyclidine - Serum — PHENS *

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Phenobarbital - serum — PHENO *

1mL Serum ° Refrigerated

1 day ° PETINIA immunoturbidimetric technique

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
Always draw blood at the same time before another administration

Phenol - urine — PHENU *

10mL urine sample ° Refrigerated

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

Sample at end of work shift

T9 : Urine flasks 70 ml

Phenothiazines - aspiration biopsy

PHIAD *

2mL Aspiration biopsy ° Refrigerated

10 days ° 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

Phenothiazines - Serum

PTHIA *

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

10 days ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)

Phenylalanine

PHEAL

1mL 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)
Sample in a fasting state (for infants, draw sample 3-4 hours after bottle)
Sample to be frozen within 1 hour. Home sampling is not advisable.
1 individual aliquot for this analysis.

Phenylalanine - blotting paper

PHEBX *

Guthrie card only ° Ambient temperature

1 week ° Enzyme-immunoassay

Phenylalanine - urine — PHEAU

2tube(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
Sample to be frozen within 1 hour. Home sampling is not advisable.
The urine creatinine level, essential information for the result interpretation, is systematically performed

Tube for urine sample (4mL)-T28

Phenylglyoxylic acid - urine — PHEGU *

15mL 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

T9 : Urine flasks 70 ml

Phenytoin - serum — PHENY *

1mL Serum ° Refrigerated

1 day ° Homogeneous phase enzyme-linked immunosorbent technique

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
Always take at the same time at the residual rate before a new dose

Phosphatidylethanol - whole blood — PHOET *

5mL EDTA whole blood ° Refrigerated

10 days °

Phosphofructokinase (GSD VII) — PFKM *

Tissue (3mg): Frozen
2 mL EDTA blood : Ambient °

3 weeks °

Phosphoglucoisomerase — PHISO *

Tissue (3mg): Frozen
2 mL EDTA blood : Ambient °

3 weeks °

Phosphoglucomutase — PHMUT *

Tissue (3mg): Frozen
2 mL EDTA blood : Ambient °

3 weeks °

Phospholipids - serum — PLIP *

3mL Serum ° FROZEN

10 weeks ° Biochemistry

Phosphorus - serum — P *

1mL Serum ° Refrigerated

2 days ° Chemistry - Spectrophotometry

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.

Phosphorus - urine — PU24 *

1tube(s) acidified 24-hour urine (pH < 3) ° Refrigerated

1 day ° Chemistry - Spectrophotometry

Urine acidified with HCl
Specify diuresis

Tube for urine sample (4mL)-T28

Phosphorylase kinase (GSD VIa, XIII, IX, X) — PHKA *

Tissue (3mg): Frozen
2 mL EDTA blood : Ambient °

3 weeks °

Phosphorylases (GSD V and VI) — PYGLM *

Tissue (3mg): Frozen
2 mL EDTA blood : Ambient °

3 weeks °

pH - stool — PHS *

20g Stool sample ° Refrigerated

7 days ° Chemistry - Spectrophotometry

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

Physical analysis - stool — PHYSP *

[Indéfinie] Total of 24 hour stool samples ° Refrigerated

2 days ° weighing-infrared spectrometry-Microscopic examination of stool

Enclose the specific clinical information form (R29-INTGB : Functional Coprology)
Collection of 24-, 48- or 72-hour stool samples.
If collection over 2 or 3 days, send all samples in one shipment.

T10 : Stool container 1l

Phytanic acid - plasma — APHYX *

2mL EDTA plasma or Heparin plasma ° FROZEN

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

Sample to be frozen within 1 hour. Home sampling is not advisable.

Pigeon breeder's lung disease - screening - serum — OIS

1mL Serum ° Refrigerated

4 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

Pimozide - Serum — PIMO *

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

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

Do not use tubes with phase separator
1 individual aliquot 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

Pipamperone - Serum — PIPAM *

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

2 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Pipecolic acid - CSF — PIPLX *

2mL CSF ° FROZEN before sending

4 weeks °

Pipecolic acid - plasma — PIPES *

2mL Lithium heparin plasma ° FROZEN

3 weeks °

Enclose the specific clinical information form (R26-INTGB : Metabolic Biochemistry)
Sample to be frozen within 1 hour. Home sampling is not advisable.
1 individual aliquot for this analysis.

Pipecolic acid - urine

PIPEU *

10mL Random urine ° FROZEN

4 weeks °

Enclose the specific clinical information form (R26-INTGB : Metabolic Biochemistry)
Sample to be frozen within 1 hour. Home sampling is not advisable.

T9 : Urine flasks 70 ml

Piperacillin - Serum

PIPE *

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

4 weeks ° HPLC - High Performance Liquid Chromatography

Centrifuge the sample and decant rapidly
Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Pipothiazine - serum

PIPO *

2mL Serum ° FROZEN

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

Do not use tubes with phase separator
1 individual aliquot 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

Plasminogen - plasma

PLAS *

1mL Citrated Plasma ° FROZEN

1 week ° Chromogenic method

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

Platelet typing - whole blood

GPLAQ *

5mL 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)

PML/RARA-t(15;17) quantitative PCR - whole blood — PMLR *

5mL EDTA whole blood ° Ambient temperature

30 days ° PCR

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 S14UK transport bag is Mandatory.

Poliovirus - serology - serum — POLIO

1mL Serum ° Refrigerated

15 days ° Seroneutralisation

Polyomavirus BK - viral load — POPCR

1mL Whole blood or plasma (EDTA), serum, urine ° Refrigerated

4 days ° Real-time PCR

The use of the S14UK transport bag is Mandatory.

Polyomavirus JC - direct diagnosis - PCR — JCPL

1 ml EDTA whole blood, 5 ml urine (without preservatives) 0.5 ml (minimum) CSF; brain biopsie ° Refrigerated

2 days ° Real-time PCR

The use of the S14UK transport bag is Mandatory.

Ponatinib - Plasma — PONAT *

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

4 weeks ° High-performance liquid chromatography / high resolution mass spectrometry

Enclose the specific clinical information form (R7-INTGB : Quantification of imatinib/Glivec® in plasma)

Porphobilinogen - urine

PORFU *

70mL early morning urine sample (stored away from light) ° Refrigerated

10 days ° Ion Exchange Chromatography - colorimetry

T9 : Urine flasks 70 ml

Porphyrins - stool

POS *

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

Porphyrins - Urines

POU

2tube(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

Posaconazole - Serum

POSA *

2mL 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
Complete and attach the information form available on www.biomnis.com together with the patient request form

Prazepam - Serum

PRAZE *

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

2 weeks ° HPLC - High Performance Liquid Chromatography / DAD

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Prealbumin - serum — PREAL *

1mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

ALWAYS specify the patient's age and gender

Pre-eclampsia - risk estimation - serum — PECLA

3mL Serum (1 specific tube for pre-eclampsia screening) ° Refrigerated

1 week ° Fluoro-Immunoassay (time resolved)

Enclose the specific clinical information form (R4-INTGB: Pre-eclampsia)
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.
Risk assessment is possible for monofoetal pregnancies only
Sample must be collected between 11.0 and 13.6 weeks of amenorrhoea
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]

Pre-eclampsia sFlt-1 et PlGF - Predictive test - sFlt-1/PlGF ratio - serum — TPREE

2mL 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
1 individual aliquot 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]

Pregabalin - serum — PREGA *

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

2 weeks °

1 individual aliquot for this analysis.

Pregnenolone — PRE3T *

3mL 3 mL sérum T0 + 3 ml sérum T1 ° Refrigerated

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

Pregnenolone - serum — PREG *

3mL Serum ° Refrigerated

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

Pregnenolone sulfate - serum — SPRE *

1mL 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

Prekallikrein - activity - plasma — PREK *

1mL Citrated Plasma ° FROZEN

1 month ° Chronometric method

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

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

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Trio whole exome sequencing assay requires an EDTA whole blood sample for each parent (mother and father)
If the sample is transported at room temperature, the sample must reached our facility within 4 days. in case of longer transport time, please send the sample in refregirated condition.
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

Primidone - serum — PRIPH *

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

2 weeks ° LCMS/MS

Combined with Phenobarbital quantification.
Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.
Before another administration, always at the same time

Pristanic Acid - Plasma — APRIS *

4mL Heparin plasma (do not use tubes with separator gel) ° FROZEN

4 weeks °

Enclose the specific clinical information form (R26-INTGB : Metabolic Biochemistry)
Sample to be frozen within 1 hour. Home sampling is not advisable.
1 individual aliquot for this analysis.

Procalcitonin — PCT *

1mL serum ° FROZEN

1 day ° Microparticulate immunoassay by chemiluminescence (CMIA)

Avoid more than 3 freeze / thaw cycles
1 individual aliquot for this analysis.

Professional allergens panel - specific IgE — PANAP

2mL 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

2mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

Profile (cross reaction PR10) - specific IgE — PANPR

2mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

Pro-gastrin-releasing-peptide (ProGRP) — PRGRP *

1mL 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.

Progesterone — PG3 *

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

1 day ° CMIA

Tubes with phase separators must be centrifuged and decanted.

Progesterone - serum — PG *

1mL Serum ° Refrigerated

1 day ° CMIA

Tubes with phase separators must be centrifuged and decanted.

Proinsulin PINS6

1mL 1 mL serum T0
1 mL serum T1 ° FROZEN

7 days ° Chemiluminescence

Proinsulin 10 time PIN10

1mL 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

1mL 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

1mL 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

1mL 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

Proinsulin 1 time - 1 mL T0 — PINS1

1mL 1 mL T0 ° FROZEN

7 days ° Chemiluminescence

Proinsulin 7 time — PINS7

1mL 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

1mL 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

1mL 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

Proinsulin - serum — PRINS

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

7 days ° Chemiluminescence

Prolactin — PROL6 *

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

1 day ° chimiluminescence (CMIA)

Prolactin 7 time — PROL7 *

1mL 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 *

1mL 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 *

1mL 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

Prolactin - molecular forms - serum — PRLCH *

5mL Serum ° FROZEN

2 months ° ECLIA, radioimmunoassay and radioimmunoassay after precipitation with PEG (+ chromatography)

Enclose the specific clinical information form (R20-INTGB : Molecular forms of prolactin)

Prolactin - serum — PROL *

1mL Serum ° Refrigerated

1 day ° chimiluminescence (CMIA)

Promethazine - serum — PROME *

2mL Serum ° FROZEN

3 days °

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Propafenone - Serum

PROPF *

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

2 weeks ° HPLC - High Performance Liquid Chromatography / DAD

Enclose the specific clinical information form (R13-INTGB : Medication quantification)

Properdin - complement fraction

PPER *

5 mL citrated whole blood + 3 mL Serum ° Refrigerated

2 months °

Dispatch without delay after sampling (always within 48 hours)

Propranolol - Serum

AVLO *

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

2 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)

Protein 14.3.3 - CSF

WBP14 *

1mL CSF ° FROZEN

3 weeks ° Western-Blot

Enclose the specific clinical information form (R33 Protein-14.3.3)
Centrifuge and settle the sample immediately in a tight double container

TAU-20 : Kit protéine TAU -20°C (Alzheimer/Creutzfeldt-Jacob) ponction lombaire

Protein C - activity - plasma

PC *

2mL 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 *

1mL Citrated Plasma ° FROZEN

5 days ° Enzyme-immunoassay

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
1 individual aliquot 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.

Protein electrophoresis and Immunobinding - serum

EIF *

1mL Non haemolysed serum ° Refrigerated

2 days ° Electrophoresis and Immunobinding

Lactescent/hemolysed serum samples are forbidden

Protein electrophoresis - serum

EPPRO *

1mL 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 - urine

EPROU *

2tube(s) 24hr Urine collection or Early morning urine ° 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

Tube for urine sample (4mL)-T28

Protein profile for screening without electrophoresis - serum

PPO *

3mL 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

Protein S100 - CSF

100PL *

1mL Non haemolysed CSF ° FROZEN

1 week ° Electrochemiluminescence

Protein S100 - serum

PS100 *

1mL Non haemolysed serum ° FROZEN

1 week ° Electrochemiluminescence

Leave to clot for 20-30 minutes at room temperature
Centrifuge, Decant, freeze rapidly

Protein S - activity - plasma

PS *

2mL 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

Proteins - biological fluid

PROTD *

2mL Biological fluid ° Refrigerated

2 days ° Chemistry - Spectrophotometry

Proteins - dosage - serum

PROT *

1mL Serum ° Refrigerated

1 day ° Colorimetry

WARNING: If combined with protein electrophoresis, only with serum.

Proteins - dosage - urine

PRU24 *

1tube(s) 24hr urine ° Refrigerated

1 day ° Turbidimetry

Specify diuresis

Tube for urine sample (4mL)-T28

Prothrombine Ratio - plasma

TPH *

2mL 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.

PSA - Prostate-specific antigen free - serum

PSALI *

1mL 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.

PSA - Prostate-specific antigen total - aspiration biopsy

PSAD *

1mL 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.

PSA - Prostate-specific antigen total - serum

PSA *

1mL 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.

Pterins - CSF

PTPLX *

2mL CSF ° FROZEN before sending

3 weeks °

Pterins - urines

PTEUX *

10mL Urines ° FROZEN before sending

3 weeks °

PTH - Intact parathormone - aspiration biopsy

PTHD *

1mL Aspiration biopsy ° FROZEN

1 day ° Electrochemiluminescence

Freeze as soon as possible. Only one freezing possible

PTH - Intact parathormone - serum

PTH *

1mL 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-RP - Parathormone related protein - plasma

PTHRP *

1mL 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

Rhesus genotyping requisitions (leaflets)

Purines and pyrimidines - urines

PUPYX *

10mL Urines ° FROZEN before sending

3 weeks °

PVL toxin detection (Staphyloccoccus aureus) - PCR on strain

STABM *

Strain inoculation in deep agar ° Refrigerated

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

S14: Special mycobacteria transport bags are to be used

Pyrazinamide - Serum

PYRA *

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

2 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
Freeze the sample within 4 hours after sampling

Pyruvic acid - Supernatant or CSF

APYR *

[Indéfinie] Supernatant or CSF ° FROZEN

15 days ° Chemistry - Spectrophotometry

Enclose the specific clinical information form (R26-INTGB : Metabolic Biochemistry)
Please consult the specific sample collection/storage protocol
Sample to be frozen within 1 hour. Home sampling is not advisable.
For lactate and pyruvate testing in CSF samples: please freeze the sample within one hour of collection
[To be translated]

Quetiapine — QUETA

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

15 days ° High-performance liquid chromatography / Spectrometry

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.
Residual level sample
The following examinations can be performed on the same sample: Aripiprazole; Clozapine; Haloperidol; olanzapine; Quétiapine; Rispéridone.

Quinidine - Serum — QUIN *

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

10 days ° HPLC - High Performance Liquid Chromatography / UV detection

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.
Always draw blood at the same time before another administration

Quinine - Serum — QUINI *

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

10 days ° HPLC - High Performance Liquid Chromatography / DAD

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Rabies - IgG serology - serum — RAGE

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

2 weeks ° Enzyme-immunoassay

This test is reserved for post-vaccination testing
Prohibit 10 ml tube with or without gel

Raltegravir - Serum — RALTE *

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

3 weeks ° LCMS/MS

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

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

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

5mL 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 Twist, Seq Illumina 2x150 Novaseq 6000. Perf: #

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.
According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
If the sample is transported at room temperature, the sample must reached our facility within 4 days. in case of longer transport time, please send the sample in refregirated condition.
In case of urgent collection, please inform us when sending.
Use the B67 application form

K34 : Kit Exome

Renin — REN4 *

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

2 days ° Radioimmunoassay

Renin active — REN *

1mL 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 Active - lying — RENC *

1mL 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 active- standing — REND *

1mL 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)

Respiratory Infection Panel - direct diagnosis - PCR — PIR

Nasopharyngeal swabbing or aspiration; BAL ° Refrigerated

1 day ° Real-time PCR

The use of the 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 they are, in sterile bottles, without transport medium.

K1: Virus screening kit by culture or PCR

Respiratory syncytial virus - RSV - direct diagnosis - PCR — VRSBM

[Indéfinie] Nasopharynx, bronchial secretions, BAL: ° Refrigerated

2 days ° Real-time PCR

Also available in multiplex PCR (VIRBM) which includes detection of RSV, HMPV and rhinoviruses.
The use of the 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 they are, in sterile bottles, without transport medium.

K1: Virus screening kit by culture or PCR

Respiratory syncytial virus - RSV - IgG serology - serum — VRS

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

1 week ° Enzyme-immunoassay

Retinol-Binding Protein - RBP

RBP *

1mL serum ° Refrigerated

1 day ° Nephelometry

Rhesus D - foetal genotype

GRHDX *

10mL Whole blood Streck ° Ambient temperature

4 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)

Rhesus Kell

RH *

5mL EDTA whole blood (do not use tubes with separator gel) ° Refrigerated

1 day ° Gel Filtration or Immunocapture method

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.biomnis.com together with the patient request form

Rheumatoid factors - IgA - serum

FRA *

1mL Serum ° Refrigerated

1 week ° Enzyme-immunoassay

Rheumatoid factors - serum

FR *

1mL Serum ° Refrigerated

2 days ° Enzymoimmunologie (ELISA)

Rhinovirus - direct diagnosis - PCR — RHIBM

[Indéfinie] Nasopharynx, bronchial secretions, BAL: ° Refrigerated

2 days ° Real-time PCR

Also available in multiplex PCR (VIRBM) which includes detection of RSV, HMPV and rhinoviruses.
The use of the 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 they are, in sterile bottles, without transport medium.

K1: Virus screening kit by culture or PCR

Ribavirin - plasma — RIBAV *

3mL Heparin Plasma ° FROZEN

3 weeks ° HPLC - High Performance Liquid Chromatography

Decant
Freeze the sample within 1 hour after sampling
Always draw blood at the same time before another administration
Enclose the specific clinical information form (R25-INTGB : Ribavirin information form)

Rickettsioses - R. conorii, R. typhi - serology - serum — RICCT

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

3 days ° Immunofluorescence

Screening: total Ig. If positive, test for IgM

Rifabutin - Serum — RIFAB *

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

3 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific information form R8 INTGB anti-fungal agents and anti-tuberculosis drugs

Rifampicin - serum — RIFA *

2mL Serum ° FROZEN

1 week ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R18-INTGB : Infectious agents)
Sample 3 hours after administration

Rilpivirine

RILPI *

3mL EDTA plasma ° FROZEN

2 weeks ° LCMS

Always sample at the same time before another administration
Attach the clinical data sheet

Risperidone

RISPE

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
.
1 individual aliquot for this analysis.
The following examinations can be performed on the same sample: Aripiprazole; Clozapine; Haloperidol; olanzapine; Quétiapine; Rispéridone.

Ritonavir - Serum

RITO *

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

3 weeks ° LCMS/MS

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

Rituximab - serum

RITUX *

1mL Serum ° FROZEN

3 weeks ° Enzyme-immunoassay

Always draw blood at the same time before another administration

Rivaroxaban - Anti Xa activity measurement - plasma

RIVA *

1mL Citrated Plasma ° FROZEN

1 day ° Chromogenic method

Sample to be frozen within 1 hour. Home sampling is not advisable.
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.

Rotavirus - rapid screening - Stools — ROTSE

Stools ° Refrigerated

1 day ° Enzyme-immunoassay

The use of the S14UK transport bag is Mandatory.

S14: Special mycobacteria transport bags are to be used

rT3 - Reverse triiodothyronine — T3RE *

1mL serum ° FROZEN

1 month ° Radioimmunoassay

1 individual aliquot for this analysis.

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

5mL EDTA whole blood ° Ambient temperature

30 days ° PCR

Rubella - antibody avidity - IgG - serum — RUBAV *

1mL Serum ° Refrigerated

2 weeks ° Urea treatment

[To be translated]
On specific request

Rubella - direct diagnosis - PCR — RUBM *

Nasopharyngeal aspiration required, throat, EDTA plasma, CSF, urine, aqueous humour, vitreous humour ° FROZEN

Variable TAT: all positive results are released immediately ° PCR

Sample to be frozen within 1 hour. Home sampling is not advisable.
ALWAYS attach serological results

Rubella - direct diagnosis - PCR - amniotic fluid — RUBLA *

5mL Amniotic fluid ° FROZEN

3 weeks ° PCR

Must include the request form (B3) and the patient's informed consent (D44)
The use of the S14UK transport bag is Mandatory.
Subsequently, please send us the pregnancy monitoring form (R10: monitoring-pregnancy-Infectious agents)

S14: Special mycobacteria transport bags are to be used

Rubella - IgG serology - serum — RUBEO *

1mL Serum ° Refrigerated

3 days ° EIA

Rubella - IgM serology - serum — RUBEM *

1mL Serum ° Refrigerated

2 days ° EIA

ALWAYS attach the following clinical data: gestational age, dates of contagion, eruption, vaccination and previous serology results

Rubella - Western blot - serum — RUBWB *

1mL Serum ° Refrigerated, if shipped in less than 7 days

2 weeks ° Western-Blot

Rufinamide - Serum — RUFIN *

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

15 days ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Salmonellosis - serology - serum — SALMO

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

4 days ° Agglutination

Saquinavir - Serum — SAQUI *

3mL 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)
1 individual aliquot for this analysis.

scabies - screening

GALER *

Skin scales on a sterile container ° Refrigerated

3 days °

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

S14: Special mycobacteria transport bags are to be used

SCC-TA4 antigen - aspiration biopsy

SCCD *

1mL 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.

SCC-TA4 antigen - serum

SCC *

1mL 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.

Schistosomiasis - confirmation serology - serum

BILC

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

5 days ° Western-Blot

Schistosomiasis - direct diagnosis - PCR

BILBM

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

6 days ° PCR

The use of the S14UK transport bag is Mandatory. Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology
[To be translated]

S14: Special mycobacteria transport bags are to be used

Schistosomiasis - screening serology - serum — BIL

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

4 days ° Enzyme-immunoassay

If positive, the confirmation test is automatically performed.

Seafood product panel - specific IgE — PANPM

2mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

Search for the T790M mutation of the EGFR gene - Peripheral blood from Cell Free DNA tube: Ambient or Plasma Aliquots: Frozen — EGFRS *

1tube(s) Peripheral blood from Cell Free DNA tube: Ambient or Plasma Aliquots: Frozen °

3 weeks °

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

Selenium — SE

2mL Plasma héparinate de sodium(proscrire les tubes avec séparateur F54) ° Refrigerated

1 week ° ICP/MS

1 individual aliquot for this analysis.

Selenium - urine — SEU *

20mL Random urine ° Refrigerated

3 weeks ° Atomic absorption

Indicated the sampling time

T9 : Urine flasks 70 ml

Semen biochemistry - seminal plasma — BIOSP

1.0mL 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]

Serodiagnosis of baker lung (Alveolitis Allergic Extrinsic) - screening - serum POBO

1mL Serum ° Refrigerated

4 days ° Fluorescent enzyme-immunoassay

Serodiagnosis of cheesemonger lung Alveolitis Allergic Extrinsic) - screening - serum POFR

1mL Serum ° Refrigerated

4 days ° Fluorescent enzyme-immunoassay

Serodiagnosis of Domestic lung (Alveolitis Allergic Extrinsic) - screening - serum PODO

1mL Serum ° Refrigerated

4 days ° Fluorescent enzyme-immunoassay

Serodiagnosis of Mushroom worker's lung (Alveolitis Allergic Extrinsic) - screening - serum POCH

1mL Serum ° Refrigerated

4 days ° Fluorescent enzyme-immunoassay

Serology diagnosis Alveolitis Allergic Extrinsic - screening - serum PDEP

1mL Serum ° Refrigerated

4 days ° Fluorescent enzyme-immunoassay

Specify the allergens

Serotonin - whole blood — SEROT

2mL Heparinised whole blood (no glass tubes) (prohibit use of tubes with separator) ° FROZEN

4 days ° UPLC

Sample to be frozen within 1 hour. Home sampling is not advisable.
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

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot 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.

Serum — TIAGA *

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Sex-Binding Globulin - SHBG — TEBG *

1mL 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.

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

Sialic acid free - urines

SIALI *

10mL 24hr or random urine sample (child) ° FROZEN

1 month °

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

T9 : Urine flasks 70 ml

Sickle cell anemia - whole blood

DREPE *

5mL EDTA whole blood ° Ambient temperature

30 days °

Enclose the specific B12-INTGB request form: Molecular Genetics

Sickle cells - status - blotting paper

DREPX *

Guthrie card only ° Ambient temperature

3 weeks °

Silicon - Plasma

SILIC *

2mL 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

T1 : Dry tubes 5ml

Silver - biological fluid

ARGD *

3mL Biological fluid ° Refrigerated

2 weeks ° Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)

Silver - plasma

ARGS *

3mL Heparin Plasma ° Refrigerated

2 weeks ° Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)

Sirolimus — SIRO

1mL Sang total EDTA ° Refrigerated

4 days ° LCMS/MS

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
Residual level sample (just before administration)

Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R, MITF, NF1, PTCH1, PTCH2, POT1, TERT, TERF2IP, SUFU — EOPEA

5mL 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 Twist, Seq Illumina 2x150 Novaseq 6000. Perf: #

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.
According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
If the sample is transported at room temperature, the sample must reached our facility within 4 days. in case of longer transport time, please send the sample in refregirated condition.
In case of urgent collection, please inform us when sending.
Use the B67 application form

K34 : Kit Exome

Soluble bacterial antigens Streptococcus pneumoniae - CSF — STREL

1mL CSF ° Refrigerated

1 day ° Immuno chromatography

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

Soluble bacterial antigens Streptococcus pneumoniae - urines — PNAGD

10mL Urine ° Refrigerated

1 day ° Immuno chromatography

The use of the S14UK transport bag is Mandatory.
Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology
Supply one sample for each bacterium to be tested
Urine stored with boric acid are accepted

Soluble complexes - plasma — CSOLU *

1mL 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.

Soluble transferrin receptor - serum

RSTR *

1mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

Somatostatin - plasma

SOMAT *

1mL 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

Rhesus genotyping requisitions (leaflets)

Sorbitol dehydrogenase - whole blood

SORD *

1mL EDTA whole blood ° Ambient temperature

3 weeks °

Sotalol - serum

SOTAL *

2mL Serum ° FROZEN

11 days ° HPLC - High Performance Liquid Chromatography / UV detection

Do not use tubes with phase separator
Assayed in cases of intoxication only. This test is not performed for follow up cases.
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.

Specific IgE : ALEX - serum

ALEX

200µL Serum ° Refrigerated

2 weeks ° M-EIA

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

Specific IgE : food allergens - allergen mix - serum — MA

1mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay

Specify the allergens

Specific IgE : food allergen testing - Trophatop® adult - fx5/fx24/fx25 — TROA

1mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay

Specific IgE : food allergen testing - Trophatop® children - fx26/fx27/fx28 — TROE

1mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay

Specific IgE : hymenoptera venom - single allergen — IGESV

2mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay

Specify the allergens

Specific IgE : inhalant allergens - allergen mix — MR

1mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay

Specify the allergens

Specific IgE : inhalant allergen testing - Phadiatop® — PHA

1mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay

Specific IgE : latex - single allergen — IGESL

2mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay

Specify the allergens

Specific IgE medicines - single allergen-Phadia — IGESM

2mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay

Specify the allergens

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

1mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay

Specify the allergens

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

1mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay

Specify the allergens

Specific IgE - Respiratory and food allergen screen -Phadiatop® infant — PHABB

300µL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay

Only for children younger than 2 years old.

SPECIFIC IgG4 - serum — RG41

1mL Serum ° Refrigerated

1 week ° Fluorescent enzyme-immunoassay

Specify the allergens

SPECIFIC IgG - serum — RGG1

1mL Serum ° Refrigerated

7 days ° Fluorescent enzyme-immunoassay

Specify the allergens

Spermocytogramm — SPCG

3 Non-fixed quick-dried slides ° Ambient temperature

2 days ° Microscopy

Please specify the sperm count.
This test is not performed for sperm counts < 4 million/ml

S-Phenylmercapturic acid - urines — PMA *

10mL End of shift urine ° Refrigerated

1 month ° HPLC/MS/MS

T9 : Urine flasks 70 ml

Spinal Muscular Atrophy - whole blood — AMYOX *

5mL EDTA whole blood ° Ambient temperature

4 weeks ° Molecular biology

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Enclose the specific B12-INTGB request form: Molecular Genetics

Stavudine - plasma — STAVU *

3mL EDTA Plasma centrifuged immediately ° FROZEN

3 weeks ° High-performance liquid chromatography / Spetrophotometry

Sample at TO (before intake) T1H and T3H (after intake)
Enclose the specific clinical information form (R6-INTGB : Anti retroviral treatment)

Steatorrhoea - fat dosage - stool — STEAT *

Total of 24 hour stool samples ° Refrigerated

2 days ° Infrared SpectroPhotometry (NIRS)

Enclose the specific clinical information form (R29-INTGB : Functional Coprology)
Collection of 24-, 48- or 72-hour stool samples.
If collection over 2 or 3 days, send all samples in one shipment.
Diet enriched with butter (50g butter minimum daily) 3 days before collection and during the collection

T10 : Stool container 1l

Steinert myotonic dystrophy - whole blood — STEIN *

5mL EDTA whole blood ° Ambient temperature

30 days ° MLPA

Enclose the specific B12-INTGB request form: Molecular Genetics

Steroid profile - urine — STERE *

mL 24hr Urine collection ° FROZEN

3 weeks ° Chromatography - Colorimetry

Steroids panel - Examination of gonad function — STER1 *

1mL EDTA plasma ° FROZEN before sending

1 week °

Enclose the specific information form R41 INT GB-Steroids panels

Steroids panel - Exploration of hirsutism — HIRSU *

5mL Serum ° Refrigerated

3 days ° Radioimmunoassay

Enclose the specific information form R41-SB INT GB-Steroid panels

Steroids panel - Search polycystic ovary syndrome — SOPK *

5mL Serum °

3 days ° Radioimmunoassay

Enclose the specific information form R41-SB INT GB-Steroid panels

Steroids panel - Study of amniotic fluid - Amniotic fluid — STER3 *

1.5mL Amniotic fluid ° 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 *

1mL EDTA plasma ° FROZEN before sending

1 week °

Enclose the specific information form R41 INT GB-Steroids panels

Stiripentol - Serum — STIRI *

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

15 days ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)

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

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

3 days ° Nephelometry

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

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

3 days ° Nephelometry

Streptococcus pneumoniae - capsular polysaccharide - serology - serum — PNUAC

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

1 week ° Enzyme-immunoassay

Strongyloidiasis - serology - serum — ANG

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

1 week ° Enzyme-immunoassay

Strontium - whole blood — STRO *

2mL Heparin whole blood ° Refrigerated

1 week ° Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)

Strychnin - urines — STRYU *

5mL Urine sample ° Refrigerated

2 weeks ° GPC/MS - HPLC/UV-BD

Strychnin - whole blood — STRYC *

5mL Heparin whole blood ° FROZEN

2 weeks ° GPC/MS - HPLC/UV-BD

1 individual aliquot for this analysis.

Styrene - urine — STYRU *

10mL urine sample ° Refrigerated

1 month ° 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

Styrene - whole blood — STYRE *

5mL EDTA whole blood or Heparin ° Refrigerated

3 weeks ° 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

Sugars - screening - stool

SUCSP *

20g Stool sample ° Refrigerated

4 days ° Chromatography - Colorimetry

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

Sulfatides - urine

SULFA *

[To be translated] ° FROZEN

6 weeks ° Tandem mass spectrometry (MS/MS)

Attach the clinical data

Sulfocysteine - urines

SCYSU *

10mL Early morning urine (fasting) ° FROZEN

3 weeks ° HPLC - High Performance Liquid Chromatography

Fasting sample
Sample to be frozen within 1 hour. Home sampling is not advisable.

Sulphonylureas - serum

SULS *

2mL Serum ° FROZEN

10 days ° HPLC - High Performance Liquid Chromatography / UV detection

Always indicate the clinical context
1 individual aliquot for this analysis.

Sulphonylureas - urine

SULU *

1tube(s) Urine ° FROZEN

10 days ° HPLC - High Performance Liquid Chromatography / UV detection

Tube for urine sample (4mL)-T28

Sulphonylurea - urine

SULPX *

25mL 24hr Urine collection ° Refrigerated

3 weeks ° Enzyme-immunoassay

Sulpiride - Serum

SULPI *

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

2 weeks ° Liquid chromatography / Tandem mass spectrometry (LC-TMS/MS)

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Sultiame - Serum

SULTI *

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

15 days ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.
Residual level sample

Sultopride - Serum

SULTO *

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

2 weeks ° Liquid chromatography / Tandem mass spectrometry (LC-TMS/MS)

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Superoxide dismutase - SOD

SOD *

300µL Red cell pellet from Lithium heparin whole blood ° FROZEN

3 weeks ° Spectrometry

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
Sample to be frozen within 1 hour. Home sampling is not advisable.

Syphilis - IgG confirmation serology - serum

WBSG *

1mL Serum ° Refrigerated

8 days ° Immunoblot Mikrogen

Syphilis - IgM confirmation serology - serum

WBSM *

1mL Serum ° Refrigerated

8 days ° Immunoblot Mikrogen

Syphilis - IgM serology - serum — BWIGM *

1mL Serum ° Refrigerated

8 days ° Enzyme-immunoassay

Syphilis - titration - CSF — BWQPL *

1mL CSF ° Refrigerated

2 days ° VDRL-TPHA

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

1mL Serum ° Refrigerated

2 days ° Electrochemiluminescence

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

Syphilis - VDRL or quantitative RPR — BWQ *

1mL non-lipemic serum ° Refrigerated

3 days ° Immuno turbidimetry

T3 - Triiodothyronine - urine — T3U *

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

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

Specify diuresis

Tube for urine sample (4mL)-T28

T4 - Thyroxine - urine — T4U *

1tube(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

Tube for urine sample (4mL)-T28

Tacrolimus - FK-506 FK506

1mL Sang total EDTA ° Refrigerated

4 days ° LCMS/MS

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
Residual level sample (just before administration)

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 °

4 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

TAU - PTAU - Amyloid proteins - CSF PTAU *

3mL CSF ° 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

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

Teicoplanine par immunoturbidimétrie (Thermo Scientific) - Sérum — TEI *

1mL Sérum ou plasma ° FROZEN

2 days ° Immuno turbidimetry

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
Prélèvement toujours à la même heure au taux résiduel avant une nouvelle prise

Temazepam - Serum — TEMAZ *

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

10 days ° HPLC - High Performance Liquid Chromatography / DAD

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Tenofovir - plasma — TENO *

3mL EDTA Plasma centrifuged immediately ° FROZEN

2 weeks ° LCMS

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

Testosterone — TSH6T *

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

2 days ° Radioimmunoassay

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 bioavailability - serum — TBH *

3mL Serum ° FROZEN

4 days ° Radioimmunoassay

Fasting sample
[To be translated]

Testosterone Bioavailable - woman/ child - serum — TBEF *

2mL Serum ° FROZEN

6 days ° Radioimmunoassay

ALWAYS sample in the fasting state

Testosterone free - Serum — TLI *

1mL Non haemolysed and non lipemic serum ° FROZEN

3 days ° Radioimmunoassay

Testosterone - man — TH *

1mL serum ° Refrigerated

1 day ° chimiluminescence (CMIA)

Testosterone - woman/child - serum — TEF *

1mL Serum ° Refrigerated

2 days ° Radioimmunoassay

Tetanus - immunity test - IgG serology - serum — TET

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

3 days ° Enzyme-immunoassay

Tetrachloroethylene - urine

TCHLU *

10mL urine sample ° Refrigerated

3 weeks ° Gas Phase Chromatography / electron captors

Glass container with PTFE stopper, supplied upon request

T18 : Glass flask, PFTE lid for organic solvents detection - urine

Tetrachloroethylene - whole blood

TCHLS *

5mL EDTA whole blood or Heparin ° Refrigerated

3 weeks ° 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

Tetrachloromethane - whole blood

TCM *

5mL EDTA whole blood or Heparin ° Refrigerated

3 weeks ° Gas Phase Chromatography / electron captors

Transfer whole blood into a special glass tube with a PTFE lid

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

Tetraglucoside - urines

GLC4 *

Fresh Urine sample ° FROZEN

2 months °

Freeze the sample within 1 hour after sampling

Tetrazepam - Serum

TETRA *

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

3 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Thallium - plasma — THALS *

2mL EDTA Plasma ° Refrigerated

3 weeks °

Thallium - urine — THALU *

5mL urine ° Refrigerated

3 weeks °

T9 : Urine flasks 70 ml

Theophylline - serum — THEO *

1mL Serum ° Refrigerated

1 day ° Homogeneous phase enzyme-linked immunosorbent technique

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
Always take at the same time at the residual rate before a new dose

Thiocyanates - ion - Serum — CYANP *

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

2 weeks ° Spectrophotometry

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

Thiocyanates - ion - urine — CYAN *

1tube(s) urine sample ° Refrigerated

2 weeks ° Spectrophotometry

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

Tube for urine sample (4mL)-T28

Thiols - plasma — THIOL *

1mL Lithium heparin plasma ° FROZEN

3 weeks ° Chemistry - Spectrophotometry

Refrigerated centrifugation (10 minutes/4000 rpm)
Sample to be frozen within 1 hour. Home sampling is not advisable.
Identification of the aliquot tubes: name and date of birth of the patient and name of the test.

Thiopurine S-methyltransferase - genotyping - whole blood — TPMT *

5mL EDTA whole blood ° Refrigerated

8 weeks ° Molecular biology

ALWAYS attach the medical prescription, medical certificate and patient consent form
Short sample stability. Please ensure the sample is shipped to us on the exact same date of the extraction.
Test outsourced. Avoid delivering the sample on Fridays or Saturdays.

Thiopurine S-Méthyltransférase(TPMT) - activity — ACTPM *

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

8 weeks ° Hight Performance Liquid Chromatography

To be referred on the day of sample collection. Do not collect prior to bank holidays or weekends
Collect samples from Monday to Wednesday

Thioridazine - Serum — THIO *

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

2 to 3 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)

Thrombin clotting time - plasma — TT *

1mL 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.

Thromboxane B2 TxB2 - serum - Thromboxane B2 TxB2 — TBX2 *

4mL Serum ° FROZEN

3 weeks °

Sample on dry tube, then place for 1 h at 37ºC. Then centrifuge, retrieve the serum and freeze immediately

Thyroglobulin — THYRO *

1mL 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.

Thyroglobulin - biological fluid — THYRD *

2mL 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.

Thyroxine-binding globulin - TBG - serum — TBG *

1mL Serum ° FROZEN

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

Tianeptine - serum — TIAN *

2mL Serum ° FROZEN

10 days ° HPLC - High Performance Liquid Chromatography / DAD

Do not use tubes with phase separator
1 individual aliquot 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

Tiapride - Serum — TIAPR *

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

2 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Tick-borne encephalitis - TBE - IgG/IgM serology - serum — TBE

1mL Serum ° Refrigerated

4 days ° Chemiluminescence

Enclose the specific clinical information form (R35-INTGB : Infectiology)

Tin — ETAIN *

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

2 weeks ° Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)

Tin - urines — ETAIU *

50mL 24hr Urine collection ° Refrigerated

2 weeks ° Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)

T9 : Urine flasks 70 ml

Tipranavir - Serum — TIPRA *

3mL 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)

Tissue plasminogen activator - tPA - antigen - plasma — APLA *

1mL Citrated Plasma ° FROZEN

1 month ° Enzyme-immunoassay

1 individual aliquot 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.

Titanium — TITAN *

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

1 month ° Optical Emission Spectrometry with Inductively Coupled Plasma (ICP-OES)

Titanium - biological fluid — TITAD *

2mL Biological fluid ° Refrigerated

10 days ° Optical Emission Spectrometry with Inductively Coupled Plasma (ICP-OES)

Titanium - urine — TITAU *

15mL urine ° Refrigerated

15 days ° Optical Emission Spectrometry with Inductively Coupled Plasma (ICP-OES)

T9 : Urine flasks 70 ml

TNF-alpha - Tumour Necrosis Factor - serum — TNF

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

3 weeks ° Chemiluminescence

Tobramycin - serum — TOB *

1mL Serum ° FROZEN before sending

1 day ° PETINIA immunoturbidimetric technique

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 *

1mL Serum ° FROZEN

3 weeks ° Enzyme-immunoassay

Always draw blood at the same time before another administration

Toluene - urine — TOLU *

10mL urine sample ° Refrigerated

3 weeks ° 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

Toluene - whole blood

TOLS *

5mL EDTA whole blood or Heparin ° Refrigerated

5 weeks ° 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

Topiramate - serum

TOPIR

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

2 weeks ° LCMS/MS

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.
Always draw blood at the same time before another administration
The following examinations can be performed on the same sample: Levetiracetam; Gabapentine; Lamotrigine; Oxacarbazepine/10-OH-Carbazepine; Topiramate.

Toscana virus - direct diagnosis - PCR

TOSBM

1mL Plasma EDTA, Serum, CSF ° Refrigerated

4 days ° RT - PCR in real time

The use of the S14UK transport bag is Mandatory.

Total IgE - serum

IGE *

1mL 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.

Total IgE - tears

IGEL

400µL Tears ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay

Tear sampling conducted by an ophthalmologist

Total protein S - antigen - plasma

PSAG *

1mL Citrated Plasma ° FROZEN

1 week ° Enzyme-immunoassay

Enclose the specific clinical information form (R5-INTGB : Haemostasis)
1 individual aliquot for this analysis.
It is advisable to send us a frozen and centrifuged citrate sample in compliance with the GFHT pre-analytical recommendations.

Total T3 - Total triiodothyronine - serum

T3TOT *

1mL 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.

Total T4 - Total thyroxine - serum

T4TOT *

1mL 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.

Toxicological screening - plasma

SCRIB *

2mL Heparin Plasma ° FROZEN

10 days ° Hight Performance Liquid Chromatography

Toxicological screening - urines

SCRIU *

6mL Urines ° FROZEN

10 days ° Hight Performance Liquid Chromatography

Toxocariasis - confirmation serology - serum

TOXC

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

4 days ° Western-Blot

Toxocariasis - serology - serum — TCAR

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

3 days ° Enzyme-immunoassay

If positive, the confirmation test is automatically performed.

Toxoplasmosis — TOXWB *

1 ml of mothers serum + 1 ml of childs' serum at 5 days old ° Refrigerated

11 days ° Western-Blot

Always indicate the clinical context
IMPORTANT: always associate the serum of the mother with that of the child (sampled on 5th day after birth) for profile comparison

Toxoplasmosis - antibody avidity - IgG - serum — TOXAV *

1mL Serum ° Refrigerated

2 days ° Chemiluminescence

On specific request

Toxoplasmosis - direct diagnosis - PCR — TOXBM

Whole blood (EDTA), bronchial secretions, BAL, aqueous humor, CSF, biopsy (lymph node and brain), cord blood ° Refrigerated

6 days ° Real time PCR

.
The use of the S14UK transport bag is Mandatory.
Samples (other than swabs) must be sent as they are, in sterile bottles, without transport medium.
The following samples are not accepted: placenta, umbilical cord (except blood) or any other sample of foetal origin (except blood).

Toxoplasmosis - direct diagnosis - PCR - amniotic fluid — TOXLA

8mL amniotic fluid ° Refrigerated

3 days ° Real time PCR

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

Toxoplasmosis - IgG confirmation serology - serum — WBTXG *

500µL Serum ° Refrigerated

1 week ° western blot

Toxoplasmosis - IgG/IgM serology - serum — TOXO *

1mL 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

TP53 gene - isolated — MYS53

[Indéfinie] 2 x 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

Sample must be refrigerated if transport is > 48 hours
Use the specific request form B8-INTGB: Malignant blood disorders

TPA - Tissue Polypeptide Antigen — TPA *

1mL serum ° FROZEN

3 days ° Chemiluminescence

Centrifuge without delay, separate the supernatant and freeze
1 individual aliquot for this analysis.
Please label the request in words and do not use abbreviations
Not to be confused with tPA - Tissue Plasminogen Activator

Tramadol - Serum — TRAMA *

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Transferrin - serum — SIDER *

1mL Serum ° Refrigerated

2 days ° Immuno turbidimetry

ALWAYS specify the patient's age and gender

Trans-muconic acid - ttMA - urine — MUCOU *

10mL 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

T9 : Urine flasks 70 ml

Trazodone - Serum — TRAZO *

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

15 days ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Treponema pallidum - Detection via PCR — TREBM

[Indéfinie] Mucocutaneous sampling, biopsy (except umbilical cord and placenta biopsy), CSF, cord blood, nasal secretions (infant) ° Refrigerated

6 days ° Real-time PCR

The use of the 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 they are, in sterile bottles, without transport medium.
The following samples are not accepted: placenta, umbilical cord (except blood) or any other sample of foetal origin (except blood).

K1: Virus screening kit by culture or PCR

Triazolam - serum — TRIAZ *

2mL Serum ° FROZEN

10 days ° HPLC - High Performance Liquid Chromatography / DAD

Do not use tubes with phase separator
1 individual aliquot 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

Trichinosis - confirmation serology - serum — TRIWB

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

1 week ° Western-Blot

Trichinosis - IgG serology - serum — TRI

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

1 week ° Enzyme-immunoassay

If positive, the confirmation test is automatically performed.

Trichloroacetic acid + Trichloroethanol - TCE + TCA - urine — TRICU *

10mL 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

T9 : Urine flasks 70 ml

Trichloroethylene - whole blood — TCES *

5mL EDTA whole blood or Heparin ° Refrigerated

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

Transfer whole blood into a special glass tube with a PTFE lid

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

Trichloromethane - whole blood — CHLOR *

5mL EDTA whole blood or Heparin ° Refrigerated

3 weeks ° Gas Phase Chromatography / electron captors

Transfer whole blood into a special glass tube with a PTFE lid

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

Trichomonas vaginalis - direct diagnosis - PCR — TRIBM

[Indéfinie] Genital sampling, urine ° Refrigerated

6 days ° Real-time PCR

The use of the 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 they are, in sterile bottles, without transport medium.

K1: Virus screening kit by culture or PCR

Triglycerides — TRIG *

1mL Serum or Heparin Plasma ° Refrigerated

1 day ° Chemistry - Spectrophotometry

Fasting sample

Trihexyphenidyl - Serum — TRIHE *

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

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

Collect prior to new drug intake, always indicate the clinical context
1 individual aliquot for this analysis.

Trimethylamine - urines — TRIMX *

10mL Urines ° FROZEN before sending

8 days °

Trimipramine - Serum

TRIMI *

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Tripeptidyl peptidase - whole blood

TRIPE *

5mL EDTA whole blood ° Ambient temperature

3 weeks °

Trisomy 21 - 1st trimester combined screening - serum

P21

3mL Serum (do not use plasma) ° Refrigerated

3 days ° Fluoro-Immunoassay (time resolved)

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.

Trisomy 21 - maternal serum markers - 2 parameters - serum

21T

3mL Serum (do not use plasma) ° Refrigerated

3 days ° Fluoro-Immunoassay (time resolved)

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.

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

3mL Serum (do not use plasma) ° Refrigerated

3 days ° Fluoro-Immunoassay (time resolved)

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.

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 S14UK transport bag is Mandatory.
Samples (other than swabs) must be sent as they are, in sterile bottles, without transport medium.

Troponin C.I HS — TROPI *

1mL serum ° FROZEN

1 day ° CMIA

Attach the clinical data
Centrifuge, decant and freeze for 30 min to 2 hours. Avoid glass tubes.

Trypanosoma cruzi - confirmation - serum — WBTRY

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

7 days ° Western-Blot

Trypanosoma cruzi - serology - serum — TRYPA

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

1 week ° Indirect immunofluorescence

Trypanosoma gambiense - screening - CSF — TRYPL *

1mL CSF ° Refrigerated

1 week ° Immunofluorescence

Trypanosoma gambiense - serology - CSF — TRYL *

1mL CSF ° Refrigerated

15 days ° Agglutination (CATT) and Immunofluorescence

Trypanosoma gambiense - serology - serum — TRYS *

1mL Serum ° Refrigerated

15 days ° Agglutination (CATT) and Immunofluorescence

Tryptase - serum — TRYPT

1mL 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

Tryptophan — TRYPO

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

2 weeks ° LCMS/MS

Enclose the specific clinical information form (R26-INTGB : Metabolic Biochemistry)
Sample to be frozen within 1 hour. Home sampling is not advisable.
1 individual aliquot for this analysis.

TSH - Thyroid-stimulating hormone — TSH5T *

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

1 day ° Electrochemiluminescence

TSH - Thyroid-stimulating hormone 7 time — TSH7T *

1mL 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 ° Chemiluminescence

TSH - Thyroid-stimulating hormone - . - blotting paper — TSHBX *

Guthrie card only ° Ambient temperature

1 week ° Enzyme-immunoassay

TSH - Thyroid-stimulating hormone - Third generation - serum — TSH *

1mL 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.

Tuberculosis complex - Detection of the coding rpoB gene mutation for rifampicin resistance by PCR — RPOB

Pulmonary, tissue or puncture fluid sample
Urine (30 ml), CSF (1 ml) ° Refrigerated

2 days ° Real-time PCR

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

S14: Special mycobacteria transport bags are to be used

Tularemia - Francisella tularensis - serology total antibodies - serum — TUL

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

4 days ° Chemiluminescence

Type III procollagen - serum

P3P *

1mL Serum ° FROZEN

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

Centrifuge, Decant, freeze rapidly

Tyrosine

TYROS

1mL 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)
Sample in a fasting state (for infants, draw sample 3-4 hours after bottle)
Sample to be frozen within 1 hour. Home sampling is not advisable.
1 individual aliquot for this analysis.

tyrosine kinase ABL mutation

ABLR *

5 mL EDTA whole blood or 5 mL bone marrow ° Ambient temperature

1 month ° sequencing

Sample must be refrigerated if transport is > 48 hours
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

Tyrosinemia type I - succinylacetone - blotting paper

TYRBU *

Guthrie card only ° Ambient temperature

3 weeks °

Tyrosinemia type I - succinylacetone - urines

SUCIX *

10mL Urine sample ° FROZEN

3 weeks °

Tyrosine - urine — TYROU

2tube(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
Sample to be frozen within 1 hour. Home sampling is not advisable.

Tube for urine sample (4mL)-T28

UBA1 gene - isolated — UBA1

[Indéfinie] 2 x 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

Sample must be refrigerated if transport is > 48 hours
Samples to be collected from Monday to Wednesday
Use the specific request form B8-INTGB: Malignant blood disorders
Attach:
- the results of the FBC - platelets
- the myelogram report

UDP galactose epimerase - whole blood — GALE *

1mL EDTA whole blood ° Ambient temperature

3 weeks °

UGT1A1 : screening for UGT1A1*28(rs8175347) polymorphism - Involved in irinotecan metabolism — UGT1A

1tube(s) Lithium heparin whole blood (do not use gel separator tubes) ° Refrigerated

10 days ° Real-time PCR

1 specific aliquot for this analysis
According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist

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

Uniparental disomy - UPD - whole blood

DUP

5mL EDTA whole blood ° Ambient temperature

1 week ° Microsatellites (14, 15, 7, 11, 16, 20). Fluorescent sequence analysis (PCR)

5 ml of whole blood on EDTA from each parent (quotation on request) is required to perform this test
According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Enclose the specific B12-INTGB request form: Molecular Genetics

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

5FUU

2tube(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

Uric acid

URIU *

1tube(s) alkalinised 24 h urine (pH > 8) ° Refrigerated

2 days ° Chemistry - Spectrophotometry

Urine alkalinised with sodium hydroxide to pH > 8
Specify diuresis

Tube for urine sample (4mL)-T28

Uric acid - biological fluid

URID *

1mL Biological fluid ° Refrigerated

2 days ° Chemistry - Spectrophotometry

Uric acid - serum

URIC *

1mL Serum ° Refrigerated

2 days ° Chemistry - Spectrophotometry

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.

urogenital (ureaplasma urealyticum) mycoplasma (mycoplasma hominis) - serology - serum — MYCGE

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

1 week ° Metabolic Inhibition

At a distance (72 h minimum) from any antibiotic treatment

Ustekinumab - serum — USTEK *

1mL Serum ° FROZEN

3 weeks ° Enzyme-immunoassay

Always draw blood at the same time before another administration

Valproic acid - serum — VALP *

1mL Serum ° FROZEN

1 day ° PETINIA immunoturbidimetric technique

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
Always take at the same time at the residual rate before a new dose

Vanadium - urine — VANAU *

10mL urine sample ° Refrigerated

1 month ° Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)

Sample 16 hrs after end of work shift on plastic container

T9 : Urine flasks 70 ml

Vancomycin - serum — VANC *

1mL Serum ° FROZEN before sending

1 day ° PETINIA immunoturbidimetric technique

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

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

Tube for urine sample (4mL)-T28

Varicella zoster virus - direct diagnosis - PCR — VZVBM

[Indéfinie] Mucocutaneous swabs, aqueous humor, bronchial secretions, BAL, whole blood (EDTA), CSF, biopsy ° Refrigerated

1 day ° Real-time PCR

.
The use of the 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 they are, in sterile bottles, without transport medium.

K1: Virus screening kit by culture or PCR

Varicella zoster virus - direct diagnosis - PCR - amniotic fluid — VZVLA

8mL amniotic fluid ° Refrigerated

3 days ° Real-time PCR

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

Varicella zoster virus - IgG serology - serum — VARZG *

1mL 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 *

1mL Serum ° Refrigerated

2 days ° Chemiluminescence

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

Vascular Endothelial Growth Factor (VEGF) - serum — VEGF

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

3 weeks ° Chemiluminescence

VASP - VAsodilatator Stimulated Phosphoprotein - whole blood — VASP *

2mL Citrated whole blood ° Ambient temperature

2 days ° Flow Cytometry

The sample must reach us WITHOUT FAIL within 24 hrs of sampling.
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.

Vedolizumab - serum — VEDO *

1mL Serum ° FROZEN

3 weeks ° Enzyme-immunoassay

Always draw blood at the same time before another administration

Venlafaxine - serum — VENLA

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot 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.

Venom and insect allergy panel - specific IgE — PANIN

2mL Serum ° Refrigerated

3 days ° Fluorescent enzyme-immunoassay - Phadia-ThermoFisher Scientific

Use the specific request form B62: allergological panel

Verapamil - Serum — VERAP *

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

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

Please specify the clinical context (overdose/ pharmacology follow-up). Overdose: please specify the supposed time of intake. Pharmacology follow-up : residual level (just before drug intake) performed on equilibrium state (5 half-lives at constant posology)
1 individual aliquot for this analysis.

Vesicular eruptions panel - direct diagnosis - PCR — PEV

Mucocutaneous swab ° Refrigerated

1 day ° Real-time PCR

The use of the S14UK transport bag is Mandatory.
Swab samples require the use of a transport medium (viral) supplied in kit K1.

K1: Virus screening kit by culture or PCR

Vigabatrin - Serum — SABRI *

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

2 weeks ° Liquid Phase Chromatography / Fluorimetry

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Viloxazine - Serum — VILOX *

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

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

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

VIP - Vasoactive Intestinal Polypeptide - plasma

VIP *

1mL EDTA plasma + Aprotinine - non haemolysed ° FROZEN

10 days ° Radioimmunoassay

Refrigerated centrifugation
Sample on special tube (EDTA + Aprotinin) supplied on request.
Sample to be frozen within 1 hour. Home sampling is not advisable.

T2 : EDTA + aprotinine tube

viral meningoencephalitis panel - direct diagnosis - PCR

MENVI

1mL CSF ° Refrigerated

2 days ° Real-time PCR

The use of the S14UK transport bag is Mandatory.

Vitamin A - Retinol - Plasma

VA

2mL 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.

Vitamin B12 - serum

B12 *

1mL Serum ° FROZEN

1 day ° EIA

Vitamin B1 - Thiamin

VB1ST

2mL EDTA whole blood (do not use tubes with separator gel) ° FROZEN

6 days ° LCMS/MS

Store samples protected from light but do not pack the tube.
Proscrire les tubes avec séparateur

Vitamin B2 - Riboflavin VB2

1mL EDTA whole blood (do not use tubes with separator gel) ° FROZEN

2 weeks ° HPLC - High Performance Liquid Chromatography

Whole blood (imperative)
1 individual aliquot for this analysis.
Store samples protected from light but do not pack the tube.

Vitamin B6 - Pyridoxal phosphate VB6ST

2mL EDTA whole blood (do not use tubes with separator gel) ° FROZEN

6 days ° LCMS/MS

Store samples protected from light but do not pack the tube.
Proscrire les tubes avec séparateur

Vitamin B8 or H - Biotin VB8

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

2 weeks ° Immunoenzymatic method

Store samples protected from light but do not pack the tube.

Vitamin C - Ascorbic acid VCP

2mL lithium heparin plasma (do not use tubes with separator gel) ° FROZEN

7 days ° HPLC - High Performance Liquid Chromatography

Centrifuge and freeze within 20 minutes
Sample to be withdrawn in your lab on Monday, Tuesday or Wednesday exclusively and to be sent to Eurofins on the day of blood withdrawal; SHELF LIFE OF FROZEN LITHIUM HEPARIN PLASMA: 48 HOURS BEFORE TECHNICAL USE.
1 individual aliquot for this analysis.
Store samples protected from light but do not pack the tube.

Vitamin D - 1,25-dihydroxyvitamin D - serum 125D *

3mL Non haemolysed serum ° Refrigerated

3 days ° CLIA

Vitamin E - Tocopherol - Plasma

VE

2mL 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.

Vitamin K1 - Phylloquinone

VK

2mL Serum (do not use tubes 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.

Von Willebrand factor - antigen - plasma

WILAG *

2mL 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.

Von Willebrand factor - plasma

WIL *

2mL 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.

Voriconazole - Serum — VORI *

3mL 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
1 individual aliquot for this analysis.

Vortioxétine - Serum — VORTI *

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

15 days ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Water - free - clearance — CLEAU *

Urine + heparin plasma ° Refrigerated

2 days ° Cryoscopy

Fasting sample
Specify diuresis
Specify the urine collection time

West Nile virus - direct diagnosis - PCR — WNVBM

1mL Plasma (EDTA), serum, CSF ° Refrigerated

4 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 S14UK transport bag is Mandatory.

West Nile virus - IgG/IgM serology - serum — WNV

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

2 weeks ° Chemiluminescence

Enclose the specific clinical information form (R28-INTGB : Dengue-Chikungunya-West Nile-Zika)

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

1mL Endonasal or nasopharyngeal swabs,1 mL bronchial secretions, 1 mL nasopharygeal aspirations ° Refrigerated

2 days ° Real-time PCR

.
The test is not relevant if cough is persisting for more than 3 weeks
The use of the 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 they are, in sterile bottles, without transport medium.

K1: Virus screening kit by culture or PCR

Xanthine - urine — XANTU *

20mL urine sample ° FROZEN

3 months °

Freeze the sample within 1 hour after sampling

Xylenes - urine — XYLU *

10mL urine sample ° Refrigerated

3 weeks ° 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

Xylenes - whole blood — XYLEN *

5mL EDTA whole blood or Heparin ° Refrigerated

3 weeks ° 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

Xylose - serum — XYL *

2mL serum ° FROZEN

1 week ° Chemistry - Spectrophotometry

2 serums:
One at T0, before Xylose intake.
One at T+1HOUR after Xylose intake (5g for adults/ 0.7g per kg for children) Fasting patient
Fasting sample
Test performed as part of D-xylose test.

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

5mL EDTA whole blood ° Ambient temperature

9 days ° Multiplex PCR

According to regulation, each request must ALWAYS be accompanied by a consent form signed by the patient and the prescribing pathologist
Sample must be refrigerated if transport is > 48 hours
Enclose the specific B12-INTGB request form: Molecular Genetics

Yeasts - antifungal susceptibility testing - various specimen — AMYC *

Various types of specimen ° Ambient temperature

2 weeks °

Enclose the specific request form B18 : Bacteriology-Parasitology-Mycology

S10: Diagnobox (three layers of sealed packaging)

Yellow Fever - immunity test - serum — FJAC *

2mL Serum ° Refrigerated

15 days ° Neutralisation test

This test is designed to measure anti viral immunity

Zidovudine - plasma — ZIDO *

3mL EDTA Plasma centrifuged immediately ° FROZEN

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

Sample at TO (before intake) T1H and T3H (after intake)
Enclose the specific clinical information form (R6-INTGB : Anti retroviral treatment)

Zika - direct diagnosis - PCR — ZIKBM

1mL Plasma (EDTA), serum, urine, semen ° Refrigerated

4 days ° Real-time PCR

Enclose the specific clinical information form (R28-INTGB : Dengue-Chikungunya-West Nile-Zika)
The use of the S14UK transport bag is Mandatory.
From 1 May to 30 November 2023, the whole of mainland France will be under enhanced surveillance.

Zika - direct diagnosis - PCR - amniotic fluid — ZIKLA

8mL 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 S14UK transport bag is Mandatory.

Zinc — ZN

2mL 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

1mL Seminal plasma on fluoridated tube ° FROZEN

15 days ° ICP/MS

Sample to be collected after 2 to 8 days of abstinence.
Always indicate the ejaculate volume, the pH, sperms count and abstinence period.
Centrifuge and freeze the supernatant immediately.

Zinc - urines — ZNU *

20mL End of shift urine ° Refrigerated

15 days ° ICP/MS

T9 : Urine flasks 70 ml

Zolpidem - Serum — ZOLPI *

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

2 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Zonisamide - Serum

ZONI *

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

2 weeks ° HPLC - High Performance Liquid Chromatography

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot for this analysis.

Zonulin - stool

ZONUL *

20g Stool sample ° Refrigerated

8 days ° ELISA

Zuclopenthixol - Serum

ZUCLO *

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

2 weeks ° Liquid chromatography / Tandem mass spectrometry (LC-TMS/MS)

Enclose the specific clinical information form (R13-INTGB : Medication quantification)
1 individual aliquot 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

µBCR ABL - whole blood

BCRM *

5mL EDTA whole blood ° Ambient temperature or Refrigerated

30 days ° RT - PCR

HPV *

Endo-exocervical swab in PreservCyt® (Cytyc),BD SurePath® ° Ambient temperature

2 days ° Real-time PCR

[To be translated]
[To be translated]
The use of the S14UK transport bag is Red.

K56 : Kit pour HPV

Allergy

ALEX	Specific IgE : ALEX - serum
CP	Specific IgE : Phadia - inhalant allergens - single allergen
CT	Specific IgE : Phadia - food allergens - single allergen
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
IGEL	Total IgE - tears
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
AALCR	Amino acids - chromatography - CSF
AARGI	Arginosuccinic acid - plasma
AARGU	Arginosuccinic acid - urine
AAS	Amino acids - chromatography

Analytical Chemistry

AASAX	Alpha aminoadipic semialdehyde
AAU	Amino acids - chromatography - urine
ABACA	Abacavir - plasma
ABIOX	Biogenic amines - CSF
ACBCH	Bile acids - chromatography - serum
ACEBS	Acebutolol - serum
ACEP	Acepromazine - serum
ACETU	Acetone - occupattional health - urines
ACICL	Aciclovir - plasma
ACTPM	Thiopurine S-Méthyltransférase(TPMT) - activity
ACYBX	Acylcarnitine - . - blotting paper
ACYLC	Acylcarnitine - profile - plasma
ACYLU	Acylcarnitine - profile - urine
ADEF	Adefovir - plasma
AH	Hippuric acid - urine
ALAU	delta-Aminolevulinic acid - urine
ALCOL	Ethyl alcohol - serum
ALIM	Alimemazine - Serum
ALPR	Alprazolam - Serum
ALPRU	Alprazolam - urine
ALU	Aluminium
ALUU	Aluminium - urines
AMCIT	Methycitric acid - urines
AMI	Amikacin - serum
AMIO	Amiodarone - serum
AMISU	Amisulpride - Serum
AMIT	Amitriptyline - Serum
AMOS	Amoxapine - Serum
AMOX	Amoxicillin - Serum
AMPHD	Amphetamines - gastric juice
AMPHO	Amphotericin B - Serum
AMPHS	Amphetamines - dosage - plasma
AMPHU	Amphetamines - dosage - urines
AMPRE	Amprenavir - Serum
ANTIP	Antimony - plasma
ANTIU	Antimony - urine
ANTU	Antidepressants - screening - identification - dosage - urine
APHYX	Phytanic acid - plasma
APRIS	Pristanic Acid - Plasma
APYR	Pyruvic acid - Supernatant or CSF
ARCH	Arsenic - hair specimen
ARGD	Silver - biological fluid
ARGS	Silver - plasma
ARIPI	Aripiprazole
ASD	Arsenic - biological fluid
ASPL	Arsenic - Plasma
ATAZ	Atazanavir - Serum
AVK	Oral anticoagulants : Rodenticides - Serum
AVLO	Propranolol - Serum
B12	Vitamin B12 - serum
BACL	Baclofene - Serum
BARBU	Barbiturates - urine
BARSG	Barium - Plasma
BARU	Barium - urine
BCARO	Beta-carotene
BENIU	Benzodiazepines - identification - urine
BENZC	Benzodiazepines - screening and identification - Serum
BENZE	Benzene - whole blood
BENZS	Benzodiazepines - screening without identification - serum
BENZU	Benzodiazepines - screening without identification - urine
BERYS	Beryllium
BERYU	Beryllium - urine
BICTE	Bictegravir - serum
BIPE	Biperiden - serum
BISM	Bismuth - whole blood
BISMS	Bismuth - serum
BISMU	Bismuth - urine
BISO	Bisoprolol - serum

Analytical Chemistry

BORES	Boron - plasma
BOREU	Boron - urine
BRIVA	Brivaracetam - serum
BROMA	Bromazepam - Serum
BROMS	Bromine - Plasma
BROMU	Bromine - urine
BTXU	Butoxyacetic acid - urine
BUFLO	Buflomedil - serum
BUPIV	Bupivacaine - Serum
BUPS	Buprenorphine - Serum
BUPU	Buprenorphine and metabolites - urine
BUTAD	Butadiene - urine
BZU	Benzene - urine
CABOT	CABOTEGRAVIR - serum
CAF	Caffeine - Serum
CAL	Urinary stone - morphologic and infrared analysis
CALD	Gallstones/Saliva/Other - morphologic and infrared analysis
CALP	Calprotectin faecal
CANCH	Cannabis - hair
CANS	Cannabidoïdes - dosage - plasma
CANU	Cannabidoïdes - dosage - urines
CARB	Carbamazepine - serum
CARNU	Carnitine free and total - urines
CAROT	Carotenoids
CARPI	Carpipramine - Serum
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
CDU	Cadmium - urine
CEFA	Cefazolin - Serum
CEFEP	Cefepime - serum
CEFO	Cefotaxime - Serum
CEFTA	Ceftazidime - Serum
CEFTL	Ceftriaxone - CSF
CEFTR	Ceftriaxone - Serum
CELIP	Celiprolol - serum
CET2	Ketone bodies
CET3	Ketone bodies
CET4	Ketone bodies
CET5	Ketone bodies
CET6	Ketone bodies
CETO	Ketone bodies - Deproteinized heparin whole blood sample or CSF
CHITO	Chitotriosidase - activity
CHLOQ	Chloroquine - Serum
CHLOR	Trichloromethane - whole blood
CHLOS	Chlordecone - Serum
CHOST	Cholestanol - plasma
CHYMS	Chymotrypsin
CIBEN	Cibenzoline - Serum
CICLO	Cyclosporin
CIPRO	Ciprofloxacin - Serum
CISPL	Cisplatin - serum
CIT	Citric acid - serum
CITA	Citalopram - serum
CITRP	Citrulline
CITSP	Citric acid - seminal plasma
CITU	Citric acid - Urines
CLEAU	Water - free - clearance
CLIND	Clindamycin - Serum
CLNX	Lipofuscinosis Neuronal Ceroide enzymatic deficiency - whole blood
CLOB	Clobazam - Serum
CLOMI	Clomipramine - Serum
CLON	Clonazepam - Serum
CLORA	Clorazepate - Serum
CLOXA	Cloxacillin - Serum

Analytical Chemistry

CLOZA	Clozapine
COBIC	Cobicistat - plasma
COCS	Cocaine - dosage - plasma
COCU	Cocaine - dosage - urines
COLIS	Colistin - Serum
COLS	Colchicine - Serum
COLZP	Clotiazepam - serum
COST	Cobalt
COTI	Cotinine - urine
COU	Cobalt - urines
CPHEN	Chlorophenol - urine
CRESO	o-Cresol - urine
CRETO	Creatorrhoea - faecal nitrogen dosage - stool
CRST	Chromium
CRU	Chromium - urines
CU	Copper
CUEC	Copper - exchangeable / free
CUU	Copper - urine
CYAN	Thiocyanates - ion - urine
CYANP	Thiocyanates - ion - Serum
CYSER	Cycloserine - Serum
CYSTU	Cystine - urine
DARU	Darunavir - Serum
DCM	Dichloromethane - whole blood
DCMU	Dichloromethane - urine
DHPRX	DHPR - activity - blotting paper
DIAZ	Diazepam + desmethyldiazepam - Serum
DIBE	Dibekacin - Serum
DIGO	Digoxine par immunoturbidimétrie (Abbott) - Sérum
DILTI	Diltiazem - serum
DIPYR	Dipyridamole - Serum
DISO	Disopyramide - serum
DNEX	Full Neonatal screen - . - blotting paper
DOLUT	Dolutegravir - Serum
DORAV	Doravirine
DOSUL	Dosulepin - Serum
DOXEP	Doxepin - Serum
DOXY	Doxycycline - Serum
DROGS	Drugs - dosage - plasma
DROGU	Drugs - dosage - urines
DROPE	Droperidol - serum
DULO	Duloxetine - serum
EFAV	Efavirenz
EGLY	Ethylene glycol - serum
ELVET	Elvitegravir - Serum
EMTRI	Emtricitabine - plasma
ENTKV	Entecavir - plasma
ENZYX	Metabolic Enzymes - whole blood
ESCIT	Escitalopram - serum
ESTAZ	Estazolam - Serum
ETAIN	Tin
ETAIU	Tin - urines
ETGLU	Ethyl glucuronide
ETHM	Ethambutol - Serum
ETHO	Ethosuximide - serum
ETHOU	Ethoxyacetic acid - urine
ETHU	Ethyl alcohol
ETRAV	Etravirine
EVERO	Everolimus
FECAP	Faecal test -Functional coprology - stool
FELB	Felbamate - Serum
FK506	Tacrolimus - FK-506
FLECA	Flecainide - serum
FLUCO	Fluconazole - Serum
FLUCY	Flucytosine - Serum
FLUIN	Oral anticoagulants : Fluindione - Serum
FLUNI	Flunitrazepam - serum
FLUO	Fluorine - Serum

Analytical Chemistry

FLUOU	Fluorine - urine
FLUOX	Fluoxetine - serum
FLUP	Fluphenazine - Serum
FLUPE	Flupentixol - Serum
FLUVO	Fluvoxamine - serum
FORM	Formic acid - urine
FOSAM	Fosamprenavir - Serum
FOSFO	Fosfomycin - Serum
FUROS	Furosemide - serum
FUROU	Furosemide - urine
GAB	Gabapentin - serum
GAGRX	Glycosaminoglycanes - GAG - urine GAG/Creatinine ratio - urine
GANCI	Ganciclovir - plasma
GANUX	Guanidinoacetate and creatine - urines
GENT	Gentamicine - serum
GHBS	GHB - Gamma-hydroxybutyric acid - plasma
GHBU	GHB - Gamma-hydroxybutyric acid - urines
GLC4	Tetraglucoside - urines
GLIBE	Glibenclamide - serum
GLYCI	Glycine - plasma
GLYCU	Gycolic acid - urines
GLYOL	Glycerol - serum
GLYPH	Active glyphosate - screening and dosage - plasma
GLYPS	Active glyphosate - screening and dosage - whole blood
GLYPU	Active glyphosate - screening and dosage - urines
GRACX	Fatty acids essential fatty acids C16 to C22:6 - plasma
GRALE	Fatty acids with very long chains - C22 to C26 - plasma
GRASE	Erythrocyte fatty acids - chromatography - Total EDTA blood
GUANI	Guanidinoacetate and creatine - plasma
GUANU	Guanidinoacetate and creatine - urine
HALO	Haloperidol
HCHLO	Hydroxychloroquine - whole blood
HEXA	2,5-Hexanedione - urine
HEXAU	Cyclohexanol - urine
HGCH	Mercury - hair specimen
HGD	Mercury - biological fluid
HGS	Mercury - saliva
HGST	Mercury - whole blood
HGU	Mercury - urine
HIA	5-HIAA - 5-hydroxyindoleacetic acid - Urine
HOMO	Homogentisic acid
HOPY	1-Hydroxypyrene - urine
HQUIN	Hydroquinidine - Serum
HVA	Homovanillic acid - Urine
HXANT	Hypoxanthine - urine
HYALP	Hyaluronic acid - pleural fluid
HYALS	Hyaluronic acid - serum
HYDAA	Acid hydrolases - activity - serum
HYDRO	Hydroxyzine - Serum
IBU	Ibuprofen - Serum
ILEU	Isoleucine - plasma
IMAT	Imatinib - Plasma
IMIP	Imipramine - Serum
INDI	Indinavir - Serum
INH	INH - Isoniazid - Serum
IOD	Iodine total - serum
IODU	Iodine - urine
ISAV	Isavuconazole - Serum
ITRA	Itraconazole and hydroxylated metabolite - Serum
IVAG	Isovaleryl glycine - urine
KEP	Levetiracetam - serum
KET	Ketoprofen - Serum
KETAS	Ketamine - Serum
KETAU	Ketamine - urines
KETO	Ketoconazole - Serum
LACLC	Lactic acid - CSF
LACT	Lactic acid
LAMIV	Lamivudine - plasma

Analytical Chemistry

LAMO	Lamotrigine - serum
LARG	Chlorpromazine - Serum
LCAR	L-carnitine - seminal plasma
LCAT	Cholesterol lecithine acyltransferase - serum
LEVO	Levomepromazine - Serum
LEVOX	Levofloxacin - Serum
LI	Lithium par spectrophométrie - serum
LIBX	Chlordiazepoxide - Serum
LIDO	Lidocaine - Serum
LIE	Erythrocyte lithium - whole blood
LLACX	L-Lactate - urines
LOFLA	Ethyl loflazepate - serum
LOPI	Lopinavir - Serum
LOPRA	Loprazolam - Serum
LORAZ	Lorazepam - Serum
LORME	Lormetazepam - 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
MAPRH	Maprotiline - Serum
MARA	Maraviroc - Serum
MASU	Arsenic - inorganic an metabolites derivatives - urine
MDA	Malondialdehyde - plasma
MECET	Methyl ethyl ketone - urine
MEPI	Mepivacaine - serum
MEPRO	Methoxy 1 propanol 2 - 2PG1ME - urine
MEPS	Meprobamate - Serum
MEPU	Meprobamate - urine
METDI	4,4'-Methylenedianiline - urine
METFD	Metformin - biological fluid
METFE	Erythrocyte metformin - whole blood
METFO	Metformin - Serum
METH	Methyl alcohol - Serum
METHI	Methionine
METHO	Methotrexate - Serum
METHU	Methyl alcohol - urine
METS	Methoxylated derivatives of catecholamines - Free metanephrines
MEVAL	Mevalonic acid - urine
MIAN	Mianserin - Serum
MIBK	Methyl isobutyl ketone - urine
MICRS	Microscopy examination direct - stool
MIDAZ	Midazolam - Serum
MILNA	Milnacipran - Serum
MINO	Minocycline - Serum
MIRTA	Mirtazapine - serum
MITH	Mitotane - plasma
MN	Manganese - Serum
MNST	Manganese - whole blood
MNU	Manganese - urine
MOCL	Moclobemide - Serum
MOLYP	Molybdenum - plasma
MOLYU	Molybdenum - urine
MOXIF	Moxifloxacin - Serum
MPHEN	Mycophenolate - plasma
MPSU	Mucopolysaccharides - urines
MQUAL	Methaqualone - Serum
MTAEN	Methoxylated derivatives of catecholamines - Free metanephrines - child - urine
MTANU	Methoxylated derivatives of catecholamines - Free metanephrines - Urine
MTD	Methadone - screening - urine
MTDS	Methadone and EDDP - Serum
MTPRO	Metoprolol - Serum
MUCOU	Trans-muconic acid - ttMA - urine
NAPHT	Naphtols (alpha and beta) - urine

Analytical Chemistry

NARO	Naropeine - serum
NESDO	Nesdonal - Serum
NEVI	Nevirapine
NI	Nickel - Serum
NIAPR	Niaprazine - serum
NID	Nickel - biological fluid
NITRA	Nitrazepam - Serum
NIU	Nickel - urines
NMAC	N-Methylacetamide - urine
NMF	N-Methylformamide - urine
NORDA	Nordazepam - Serum
OFLO	Ofloxacin - Serum
OLAN	Olanzapine
OLIGU	Oligosaccharides - screening - urine
OPID	Opiates - biological fluid
OPIS	Opiates - dosage - plasma
OPIU	Opiates - dosage - urines
ORGU	Organic acids - quantitative - urine
OROUX	Orotic acid - urines
OXA	Oxalic acid - serum
OXAC	Oxacillin - Serum
OXAU	Oxalic acid - urine
OXAZ	Oxazepam - Serum
PANOL	Isopropyl alcohol - Serum
PARAQ	Paraquat - Serum
PAROX	Paroxetine - serum
PARQU	Paraquat - urine
PBST	Lead - whole blood
PBU	Lead
PEFLO	Pefloxacin - Serum
PERAM	Perampanel - Serum - PERAMPANEL
PERIZ	Periciazine - Serum
PESTD	Pesticides - screening and/or dosage - biological fluid
PESTS	Pesticides - screening and/or dosage
PESTU	Pesticides - screening and/or dosage - urine
PFAS	PerFluoroAlkylSubstances (PFAS) - Serum
PHEAL	Phenylalanine
PHEAU	Phenylalanine - urine
PHEGU	Phenylglyoxylic acid - urine
PHEN	Phencyclidine - screening - urine
PHENO	Phenobarbital - serum
PHENS	Phencyclidine - Serum
PHENU	Phenol - urine
PHENY	Phenytoin - serum
PHIAD	Phenothiazines - aspiration biopsy
PHS	pH - stool
PHYSP	Physical analysis - stool
PIMO	Pimozide - Serum
PIPAM	Pipamperone - Serum
PIPE	Piperacillin - Serum
PIPES	Pipecolic acid - plasma
PIPEU	Pipecolic acid - urine
PIPLX	Pipecolic acid - CSF
PIPO	Pipothiazine - serum
PMA	S-Phenylmercapturic acid - urines
POE	Erythrocyte porphyrins
PONAT	Ponatinib - Plasma
PORFU	Porphobilinogen - urine
POS	Porphyrins - stool
POSA	Posaconazole - Serum
POU	Porphyrins - Urines
PRAZE	Prazepam - Serum
PREGA	Pregabalin - serum
PRIPH	Primidone - serum
PROME	Promethazine - serum
PROPF	Propafenone - Serum
PROPU	Dextropropoxyphene - urine
PTEUX	Pterins - urines

Analytical Chemistry

PTHIA	Phenothiazines - Serum
PTPLX	Pterins - CSF
PUPYX	Purines and pyrimidines - urines
PYRA	Pyrazinamide - Serum
Q10	Coenzyme Q10 - CoQ10 - Serum
QUETA	Quetiapine
QUIN	Quinidine - Serum
QUINI	Quinine - Serum
RALTE	Raltegravir - Serum
RDIU	Diuretics - screening and dosage - urine
RIBAV	Ribavirin - plasma
RIFA	Rifampicin - serum
RIFAB	Rifabutin - Serum
RILPI	Rilpivirine
RISPE	Risperidone
RITAL	Methylphenidate Hydrochloride - Serum
RITO	Ritonavir - Serum
RUFIN	Rufinamide - Serum
SABRI	Vigabatrin - Serum
SAICA	Adenylosuccinase - deficiency syndrome screening - urine
SAQUI	Saquinavir - Serum
SCRIB	Toxicological screening - plasma
SCRIU	Toxicological screening - urines
SCYSU	Sulfocysteine - urines
SE	Selenium
SERT	Sertraline - serum
SEU	Selenium - urine
SIALI	Sialic acid free - urines
SILIC	Silicon - Plasma
SIRO	Sirolimus
SOTAL	Sotalol - serum
STAVU	Stavudine - plasma
STEAT	Steatorrhoea - fat dosage - stool
STIRI	Stiripentol - Serum
STRO	Strontium - whole blood
STRYC	Strychnin - whole blood
STRYU	Strychnin - urines
STYRE	Styrene - whole blood
STYRU	Styrene - urine
SUCIX	Tyrosinemia type I - succinylacetone - urines
SUCSP	Sugars - screening - stool
SULFA	Sulfatides - urine
SULPI	Sulpiride - Serum
SULPX	Sulphonylurea - urine
SULS	Sulphonylureas - serum
SULTI	Sultiame - Serum
SULTO	Sultopride - Serum
SULU	Sulphonylureas - urine
TCES	Trichloroethylene - whole blood
TCHLS	Tetrachloroethylene - whole blood
TCHLU	Tetrachloroethylene - urine
TCM	Tetrachloromethane - whole blood
TEI	Teicoplanine par immunoturbidimétrie (Thermo Scientific) - Sérum
TEMAZ	Temazepam - Serum
TENO	Tenofovir - plasma
TER	Cyamemazine - Serum
TETRA	Tetrazepam - Serum
THALS	Thallium - plasma
THALU	Thallium - urine
THEO	Theophylline - serum
THIO	Thioridazine - Serum
TIAGA	Serum
TIAN	Tianeptine - serum
TIAPR	Tiapride - Serum
TIPRA	Tipranavir - Serum
TITAD	Titanium - biological fluid
TITAN	Titanium
TITAU	Titanium - urine

Analytical Chemistry

TOB	Tobramycin - serum
TOLS	Toluene - whole blood
TOLU	Toluene - urine
TOPIR	Topiramate - serum
TRAMA	Tramadol - Serum
TRAZO	Trazodone - Serum
TRIAZ	Triazolam - serum
TRICU	Trichloroacetic acid + Trichloroethanol - TCE + TCA - urine
TRICY	Antidepressants screening- identification - without dosage - Serum
TRIHE	Trihexyphenidyl - Serum
TRILE	10-Hydroxy-carbazepine - serum
TRIMI	Trimipramine - Serum
TRIMX	Trimethylamine - urines
TRIPE	Tripeptidyl peptidase - whole blood
TROPA	Lepticur - serum
TRYPO	Tryptophan
TTCA	2-thio-thiazolidine-4-carboxylic-acid - urine
TYRBU	Tyrosinemia type I - succinylacetone - blotting paper
TYROS	Tyrosine
TYROU	Tyrosine - urine
VA	Vitamin A - Retinol - Plasma
VALP	Valproic acid - serum
VANAU	Vanadium - urine
VANC	Vancomycin - serum
VB1ST	Vitamin B1 - Thiamin
VB2	Vitamin B2 - Riboflavin
VB6ST	Vitamin B6 - Pyridoxal phosphate
VB8	Vitamin B8 or H - Biotin
VCP	Vitamin C - Ascorbic acid
VE	Vitamin E - Tocopherol - Plasma
VENLA	Venlafaxine - serum
VERAP	Verapamil - Serum
VICTR	Bocepevir - plasma
VILOX	Viloxazine - Serum
VIMPA	Lacosamide - Vimpat - Serum
VK	Vitamin K1 - Phylloquinone
VMA	Vanilmandelic acid - Urine
VORI	Voriconazole - Serum
VORTI	Vortioxétine - Serum
WARFA	Oral anticoagulants : Warfarin - Serum
XANTU	Xanthine - urine
XYL	Xylose - serum
XYLEN	Xylenes - whole blood
XYLU	Xylenes - urine
ZIDO	Zidovudine - plasma
ZN	Zinc
ZNSP	Zinc - seminal plasma
ZNU	Zinc - urines
ZOLPI	Zolpidem - Serum
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 - serum
21OHA	Anti-21-hydroxylase antibodies - serum
2ALDO	Aldosterone
3ALDO	Aldosterone
4ALDO	Aldosterone
5NUC	5'-Nucleotidase - activity - serum
7DCHO	7-Dehydrocholesterol

Biochemistry

A1TRS	Alpha-1 Antitrypsin - stool - stool
A2PLA	Alpha-2 Antiplasmin - activity - plasma
ACBI	Bile acids - serum
ACBUX	Bile acids - urines
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
AGL2	Acid a-glucosidase (GSD II)
ALB	Albumin
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
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
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 - 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

Biochemistry

CA724	CA 72-4 antigen - serum
CAIO	Ionised calcium
CALCD	Calcitonin - aspiration biopsy
CALCI	Calcitonin - serum
CAR	CAR - index - Saliva
CBG	CBG - Cortisol-Binding Globulin - Transcortin - serum
CDT	Carbohydrate-deficient transferrin - serum
CDTC	Carbohydrate-deficient transferrin - control - alternative method - serum
CEA	CEA - Carcinoembryonic antigen - serum
CEAD	CEA - Carcinoembryonic antigen - aspiration biopsy
CER	Ceruloplasmin - serum
CHOLI	Cholinesterase - Enzymatic activity - 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-Deoxycorticol - Compound S
COMP3	11-Deoxycorticol - Compound S
COMP4	11-Deoxycorticol - Compound S
COMP5	11-Deoxycorticol - Compound S
COMPS	11-Deoxycorticol - Compound S - serum
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 - serum
COSAT	Iron - saturation percentage - serum
CPE12	C-peptide 12 time
CPE13	C-peptide 13 time
CPEP	C-peptide - serum
CPEPU	C-peptide - Urines
CROSS	CrossLaps
CROSU	CrossLaps - urines
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
DLACX	D-lactate - urines
DOC	11-Deoxycorticosterone - serum
DOC2	11-Deoxycorticosterone
DOC3	11-Deoxycorticosterone
DOC4	11-Deoxycorticosterone

Biochemistry

DOC5	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
E2EH5	Oestradiol man/child - 5 time
E2EH6	Oestradiol man/child - 6 time
E2EH7	Oestradiol man/child - 7 time
E2F	Oestradiol - woman - serum
ECA	ECA - Enzyme de Conversion de l'Angiotensine (activité Buhlmann Alinity® Abbott) - serum
ECAD	ACE - Angiotensin Converting Enzyme - BAL
ECAPL	ACE - Angiotensin Converting Enzyme
EIF	Protein electrophoresis and Immunobinding - serum
ELASS	Elastase - stool
EPLCR	Isoelectric focussing - CSF + serum
EPPRO	Protein electrophoresis - serum
EPROU	Protein electrophoresis - urine
ERBB2	HER2 - Human Epidermal growth factor Receptor 2 - c-erbB-2 protein - serum
ERY	Erythropoietin - serum
FBRON	Fibronectin
FE	Iron - serum
FEU	Iron - urines
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 - serum
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
GAL1P	Galactose 1-Phosphate - whole blood
GALBU	Galactose - screening - blotting paper
GALBX	Galactose-1-Phosphate Uridyl transferase - blotting paper
GALE	UDP galactose epimerase - whole blood
GALK1	Galctokinase - whole blood
GALT	Galactose-1-Phosphate Uridyl transferase - whole blood
GAST	Gastrin - serum
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

Biochemistry

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
GSD3	Debranching enzyme (GSD III) - whole blood
GSD4	Branching enzyme (GSD IV) - whole blood
GYS12	Glycogen - synthase (GSD 0)
HAP	Haptoglobin - serum
HCGD	hcG dimeric molecule (alpha + beta) - biological fluid
HCGT	hcG dimeric molecule (alpha + beta) - serum
HDL	HDL cholesterol - serum
HE4	HE4- ROMA calculation - serum
HEMOP	Haemopexin - serum
HIRSU	Steroids panel - Exploration of hirsutism
HOMA	HOMA - 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
INHIE	Inhibin B - Child - serum
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
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
LH3T	LH - Luteinising hormone
LH4T	LH - Luteinising hormone
LH5T	LH - Luteinising hormone
LH6T	LH - Luteinising hormone
LH7T	LH - Luteinising hormone 7 time
LH8T	LH - Luteinising hormone 8 time
LH9T	LH - Luteinising hormone 9 time
LHU	LH - Luteinising hormone - urines
LIPA	Lipase - serum
LIPAD	Lipase - aspiration biopsy
LIPAU	Lipase - urine
LPA	Lipoprotein Lp(a) - serum

Biochemistry

LPPLA	Lipoprotein Lp-PLA2 - serum
LYSO	Lysozyme - serum
MALB	Microalbumin - urine
MELAS	Melatonin
MELAU	Melatonin - urine
MELT3	Melatonin - urines
MEVA	Mevalonate kinase - whole blood
MG	Magnesium - serum
MGE	Erythrocyte magnesium - whole blood
MGU	Magnesium - urines
MYOG	Myoglobin - serum
MYOGU	Myoglobin - urine
NASHT	NASH-FibroTest - serum
NEOP	Neopterin - plasma
NEOPL	Neopterin - LCR
NEOPU	Neopterin - urine
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
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
PAOXS	Antioxidant activity - plasma
PAT	Acid phosphatases total - serum
PCT	Procalcitonin
PELAS	Anti-elastase activity - serum
PFKM	Phosphofructokinase (GSD VII)
PG	Progesterone - serum
PG2	Progesterone
PG3	Progesterone
PHEBX	Phenylalanine - blotting paper
PHISO	Phosphoglucoisomerase
PHKA	Phosphorylase kinase (GSD VIa, XIII, IX, X)
PHMUT	Phosphoglucomutase
PHOET	Phosphatidylethanol - whole blood
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 - whole blood
PLIP	Phospholipids - serum
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
PRBNP	NT-proBNP - N-Terminal Pro-Brain Natriuretic Peptide - serum
PRE2T	Pregnenolone
PRE3T	Pregnenolone
PREAL	Prealbumin - serum
PREG	Pregnenolone - serum

Biochemistry

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
PTAU	TAU - PTAU - Amyloid proteins - CSF
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 active- standing
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
SORD	Sorbitol dehydrogenase - whole blood
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
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 bioavailability - serum
TEBG	Sex-Binding Globulin - SHBG
TEF	Testosterone - woman/child - serum
TEF2	Testosterone
TEF3	Testosterone
TEF4	Testosterone
TEF5	Testosterone
TH	Testosterone - man
TH2T	Testosterone
TH3T	Testosterone
TH4T	Testosterone
TH5T	Testosterone

Biochemistry

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	Testosterone
TSH7T	TSH - Thyroid-stimulating hormone 7 time
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 - CSF
ZONUL	Zonulin - stool

Biology of solid tumors

EGFRS	Search for the T790M mutation of the EGFR gene - Peripheral blood from Cell Free DNA tube: Ambient or Plasma Aliquots: Frozen

Cytogenetics

CLA	Constitutional karyotype - amniotic fluid - prenatal
CSG	Constitutional karyotype - postnatal
MOHC3	Chromosome breakage - Fanconi anaemia - breakage screen - whole blood - postnatal

Down Syndrome screening and foetal biochemistry

21T	Trisomy 21 - maternal serum markers - 2 parameters - serum
ACOLA	Acetylcholine Esterase - amniotic fluid
AFP21	AFP: Maternal serum marker - 2nd trimester of pregnancy - serum
AFPLA	AFP - Alpha-fetoprotein - amniotic fluid
E21	Trisomy 21 - maternal serum markers - 3 parameters - serum
P21	Trisomy 21 - 1st trimester combined screening - serum
PECLA	Pre-eclampsia - risk estimation - serum
STER3	Steroids panel - Study of amniotic fluid - Amniotic fluid
TPREE	Pre-eclampsia sFlt-1 et PIGF - Predictive test - sFlt-1/PIGF ratio - serum

Genetics

A1BM	Alpha-1 Antitrypsin (SERPINA1 Gene) - Genotyping of S and Z variants (mutations p.Glu264Val and p.Glu342Lys)
ABCB1	ABCB1 gene : Identification of the rs2032583 and rs2235015 variants - whole blood
ABLR	tyrosine kinase ABL mutation
ABTHX	Beta and alpha Thalassemia - gene study - whole blood
AMYOX	Spinal Muscular Atrophy - whole blood
ATHAX	Alpha-Thalassemia - gene study - whole blood
B27BM	HLA-B27 - genotyping - whole blood
B5701	Class I HLA - B*5701 allele - 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 - whole blood
BRAF	BRAF Gene - isolated
CBFBE	CBFBETA -MYH11 mutation inv(16) - whole blood
CCND1	CCND1 status - whole blood
CEBPA	LMMC - whole blood
CHARC	Marie Charcot Tooth Disease - whole blood
CHOHU	Huntington desease - whole blood
CKIT	cKIT gene - exons 9, 11, 13, 17
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	NGS "COLORECTAL 1" panel: KRAS, NRAS, BRAF
COLO2	NGS "COLORECTAL 2"panel : AKT1, ALK, BRAF, CTNNB1, EGFR, HER2, FBXW7, FGFR1, FGFR2, FGFR3, KIT, KRAS, MAP2K1, MET, NRAS, PDGFRA, PIK3CA, PTEN,

Genetics

CUR10	Panel oncogénétique Rétinoblastome Gène ciblé : RB1
CXCR4	CXCR4 mutation
CYP2X	Congenital adrenal hyperplasia - whole blood
D4Q12	RT PCR/DNA PCR specific for Microdeletion 4q12 - whole blood
DBRCA	BRCA1 - BRCA2 Deletion/duplication - whole blood
DELY	Y chromosome - (regions AZFs, AZFb, AZFc) - whole blood
DREPE	Sickle cell anemia - whole blood
DUP	Uniparental disomy - UPD - whole blood
DUPLA	Angelman / Prader-Willi Syndrome - uniparental disomy - mechanism identification - amniotic fluid
DUPO	Angelman / Prader-Willi Syndrome - uniparental disomy - mechanism identification - whole blood
DUPRE	Uniparental disomy - UPD
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
EXMCC	Exome Congenital heart defects
EXOC	Cardiogenetic 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 - whole blood
F5L	Factor V Leiden - p.Arg506Gln mutation - whole blood
FIPIL	FIP1L1-PDGFRA analysis (Molecular biology or FISH) - whole blood
FMF	Familial Mediterranean fever - MEFV gene - new generation sequencing - whole blood
FRIED	Friedreich ataxia - whole blood
GILB	Gilbert Syndrome - Screening for UGT1A1*28 (rs8175347) polymorphism
GIST	NGS "GIST " panel : KIT, PDGFRA, BRAF
GRHDX	Rhesus D - foetal genotype
H63D	Haemochromatosis - HFE gene - p.His63Asp mutation - whole blood
HBBM	Globin - Screening for alpha or beta gene - postnatal
HLA1	Class I HLA - HLA-A and HLA-B genotyping - whole blood
HLA2	Class II HLA - HLA-DQ and HLA-DR genotyping - whole blood
HLAX	HLA class I and II - genotyping for transplants (International Division only)
HMC	Haemochromatosis - HFE gene - p.Cys282Tyr mutation - whole blood
IL28B	Interleukin 28B (IL28B polymorphisme C/T rs 12979860) - genotyping - whole blood
JAK2	JAK2 - gene - VAL617PHE (V617F) mutation - whole blood
LAM2	LAM2-t(8;21) Leukemia acute myeloid - whole blood
LAM2Q	LAM2-t(8;21) Leukemia quantitative PCR t(8;21) - whole blood
LCT	lactose primary intolerance - Genetic characterization - whole blood
LLC	NGS panel - CLL (for diagnostic, prognostic and Treatment) - (28 Genes)
LLCTR	LLC-Diagnosis - NGS panel(Treatment and resistance mutations) BAX/BCL2/BTK/CARD11/EP300/MCL1/NOTCH1/PLCG2/SF3B1/TP53
LMMCP	LMMC Search transcrit fusion PDFGRB-TEL by RQ-PCR - 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 - whole blood
MDXX	Acute leukemia molecular screening mDX HEMAVISION SYSTEM - whole blood
MELA	NGS "Melanoma" panel: BRAF, NRAS, KIT
MFLT3	FLT3 Mutation screening - whole blood
MICSA	Microsatellite instability
MLLAF	MLL-AF4 (MLL-AFF1) quantitative PCR - whole blood
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 - whole blood
MTHFR	Methylenetetrahydrofolate reductase - MTHFR gene - c.677C>T mutation - whole blood
MUC1	MUC1 Nephropathie - whole blood
MUCO	Cystic fibrosis - CFTR gene - detection of 51 mutations - whole blood
MUCOL	Cystic Fibrosis - CFTR gene - detection of 51 mutations

Genetics

MYD88	MYD88 mutation
MYS53	TP53 gene - isolated
MYSD2	MPN-Diagnosis 2 NGS panel(Myeloproliferative neoplasms) : JAK2/CALR/MPL/CSF3R/SETBP1/SRSF2
MYSDG	MPN-Diagnosis-(DG) NGS panel(Myeloproliferative neoplasms) CARL/CSF3R/ETNK1/JAK2/MPL/SETBP1/SF3B1
MYSDP	NGS panel "MPN - DP (Diagnosis/Pronostic)" - (27 Genes)
MYSKT	CKIT gene - isolated
MYSLA	"AML" panel (Acute myeloid leukaemia) - (41 Genes)
MYSMD	MDS- NGS panel (Myelodysplastic syndrome) - (41 Genes)
MYSMO	CMML NGS panel (Chronic Myelomonocytic Leukemia) - (23 Genes)
NCDR	Aneuploidy screen by QF-PCR for chromosomes: 13,18,21,X et Y
NPM1	NPM1 mutation - whole blood
PAIMY	PAI1 - Plasminogen activator inhibitor-1 - mutation - whole blood
PAM50	Breast Cancer Prognostic Gene Signature Assay - PROSIGNA TEST
PAN	NGS "PAN ORGANE" panel: AKT1. ALK. BRAF. CTNNB1. DDR2. EGFR. ERBB2. ERBB4. FBXW7. FGFR1. FGFR2. FGFR3. KIT. KRAS. MAP2K1. MET. NOTCH1. NRAS.
PDGFR	PDGFR alpha - exons 12, 14, 18
PMLR	PML/RARA-t(15;17) quantitative PCR - whole blood
POUM1	NGS Panel "LUNG 1" : EGFR-BRAF-MET-KRAS
POUM2	NGS "LUNG1" panel: AKT1, ALK, BRAF, DDR2, EGFR, HER2, FGFR1, FGFR2, FGFR3, KIT, KRAS, MAP2K1, MET, NRAS, PDGFRA, PIK3CA, PTEN, STK11, TP53
QMBCR	M-BCR ABL variant - quantification- - whole blood
REINT	réinterprétation d'exome
S65C	Haemochromatosis - HFE gene - p.Ser65Cys mutation
SC28M	Multiplex-Aberration screening 28 Markers (AML, ALL, CML) - whole blood
SNPFC	Constitutional Molecular Karyotype - SNP ARRAY - Product of conception
SNPOS	Constitutional Molecular Karyotype-SNP ARRAY - whole blood
SNPRE	Constitutional Molecular Karyotype-SNP ARRAY
SNRPL	Angelman / Prader-Willi Syndrome - SNRPN methylation
SNRPS	Angelman / Prader-Willi Syndrome - SNRPN methylation - whole blood
STEIN	Steinert myotonic dystrophy - whole blood
THAGX	Beta-Thalassemia - gene study - whole blood
TPMT	Thiopurine S-methyltransferase - genotyping - whole blood
TRAPS	associated periodic syndrome - 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 - whole blood
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 - 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
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 - whole blood
BMGR	blood grouping - genotyping - whole blood
CD48	Immunophenotyping: Lymphocytes CD3-CD4-CD8 - whole blood
CD57	Immunophenotyping: Lymphocytes NK/CD57 - whole blood
COOMD	Erythrocyte direct Coombs - whole blood
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

Haematology

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 - whole blood
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 - whole blood
GRHC	Fetal RHc - genotyping
GRHE	Fetal RH3(E) - genotyping
GROUP	ABO blood grouping - RH1(D)
HBA1C	Haemoglobin glycosylated - HbA1c - 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
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 - whole blood
LAMBL	Lambda free light chains - serum
LAMBU	Lambda free light chains - urine
NK	Immunophenotyping: Lymphocytes CD56+ / CD16+ - Natural Killer Cells - whole blood
ORG	Anti-Xa activity : Danaparoid - Orgaran - plasma
PAI1	PAI1 - Plasminogen activator inhibitor-1 - plasma
PC	Protein C - activity - plasma
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
TBX2	Thromboxane B2 TxB2 - serum - Thromboxane B2 TxB2
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

Haematology

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
ACERY	Anti-erythropoietin antibodies - serum
ACFIN	Anti-intrinsic factor antibodies - serum
ACMYE	Anti-myelin antibodies - serum
ACPIL	CSF
ACTC1	C1-inhibitor - complement fraction - functional + quantitation
ACTIT	Anti-actin antibodies - typing - serum
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	Anti-epidermal basement membrane and intracellular substance antibodies Typing (BPAg2/BP180, BPAg1/BP 230,desmoglein 1, desmoglein 3, Envoplakine and collagen VII) -
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
CYTOC	Anti-liver cytosol type 1 antibodies - LC1 - confirmation - serum
CYTOX	Anti-liver cytosol type 1 antibodies - LC1 - screening - serum
CYTPA	Panel Cytokine - IL1 beta, IL2, IL4 and IL6 - serum
ECT	Anti-ENA antibodies (SSA, SSB, Sm, Rnp, Jo1, Scl-70) - screening and titration - Serum
EGF	Epidermal growth factor (EGF) - serum
ENDOA	Anti-endomysium antibodies - IgA - serum
ENDOG	Anti-endomysium antibodies - IgG - serum
ENDOT	Anti-endothelial cell antibodies - serum
ETAN	Etanercept - serum
FACH	Factor H - complement fraction - serum
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

Immunology

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 - serum
IL10D	Interleukin (IL)-10 - .
IL1A	Interleukin (IL)-1 alpha - serum
IL1B	Interleukin (IL)-1 beta - serum
IL2	Interleukin (IL)-2 - serum
IL4	Interleukin (IL)-4 - serum
IL5	Interleukin (IL)-5
IL6	Interleukin (IL)-6 - serum
IL6D	Interleukin (IL)-6 - .
IL8	Interleukin (IL)-8 - serum
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
INFGS	Interferon gamma - serum
INGPL	Interferon gamma - CSF
INHC1	C1-inhibitor - complement fraction - quantitation - serum
INSAC	Anti-insulin antibodies - serum
LDLAC	Anti-oxidised LDL antibodies - IgG and/or IgM - serum
LDLOX	Oxidised LDL - serum
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
MCP1	Attractive chemo protein of monocytes (MCP-1) - 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
PANAC	Anti-exocrine pancreas antibodies - 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
PHAC	Anti phospholipids antibodies - serum
PHETG	Anti-phosphatidylethanolamine antibodies - IgG - serum
PHETH	Anti-phosphatidylethanolamine antibodies - IgM - serum
PIH	Alpha-1 Antitrypsin - PI phenotype - serum
PINI	nutritional proteins profile with PINI index - serum
PLA2R	anti-PLA2R antibodies - serum
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

Immunology

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 - serum
TITIL	Anti-titin antibodies - CSF
TITIN	Anti-titin antibodies - serum
TNF	TNF-alpha - Tumour Necrosis Factor - serum
TOCI	Tocilizumab - serum
TPO	Anti-thyroid peroxidase antibodies
TRAKH	Anti-TSH receptor antibodies - serum
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) - serum
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

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 - various specimen
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
ATBAN	Anaerobic bacterium - susceptibility testing
ATBSM	Aerobic bacterium - susceptibility testing
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

Infectious

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 - 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
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

Infectious

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
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 - serum
HHV6M	Herpes virus type 6 (HHV6) - IgM serology - serum
HHV8	Herpes virus type 8 (HHV8) - IgG serology - serum
HIV	HIV1/2 - Human Immunodeficiency Virus - screening serology - 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	
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 - 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	Aerobic bacterium - identification
IDANA	Anaerobic bacterium - identification
IDMA	Mycobacterium tuberculosis - identification
JCPL	Polyomavirus JC - direct diagnosis - PCR
KINGK	Kingella kingae - direct diagnosis - PCR
LEGAG	Legionellosis antigenes LP1 - urines
LEGBM	Legionellosis - direct diagnosis - PCR
LEGIO	Legionellosis serogroups 1-6 - serology IgG/IgM screening - serum
LEGIS	Legionellosis - serotyping
LEGIT	Legionellosis - serogroups 1 to 6 - IgG confirmation serology - serum
LEIBM	Leishmaniasis - direct diagnosis - PCR
LEIS	Leishmaniasis - serology - serum
LEIWB	Leishmaniasis - confirmation serology - serum
LEPBM	Leptospirosis - direct diagnosis - PCR
LEPT	Leptospirosis - IgM serology - serum
LEPTA	Leptospirosis - total abs microagglutination - Martin-Pettit - 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

Infectious

MYCBM	Mycoplasma genitalium - Detection by molecular amplification
MYCEX	Fungus - Yeasts - screening
MYCGE	urogenital (ureaplasma urealyticum) mycoplasma (mycoplasma hominis) - serology - serum
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
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	Malaria - serology - serum
PARAG	Paragonimiasis - serum
PARBM	Parvovirus B19 - direct diagnosis - PCR
PARLA	Parvovirus B19 - direct diagnosis - PCR - amniotic fluid
PARSP	Parasitology - microscopy - Stools
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	Aerobic bacterium - 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
ROUPL	Measles IgG - intrathecal synthesis rate - CSF + serum
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 - amniotic fluid
RUBM	Rubella - direct diagnosis - PCR
RUBWB	Rubella - Western blot - serum
RVIH	HIV - Human Immunodeficiency Virus - genotyping (reverse transcriptase and protease genes): Resistance profile to anti-viral drugs. - plasma
RVIH2	HIV - Human Immunodeficiency Virus - Genotyping (fusion inhibitor): anti viral resistance profile. - plasma
RVIH3	HIV - Human Immunodeficiency Virus - genotype for antiretroviral resistance (integrase inhibitor) - 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	Enteropathogenic Escherichia coli - various specimen
TAE	Cysticercosis - Taenia Solium - IgG serology - serum
TBE	Tick-borne encephalitis - TBE - IgG/IgM serology - serum

Infectious

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
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 - direct diagnosis - PCR
TRIWB	Trichinosis - confirmation serology - serum
TRYL	Trypanosoma gambiense - serology - CSF
TRYPA	Trypanosoma cruzi - serology - serum
TRYPL	Trypanosoma gambiense - screening - CSF
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
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
BASIC	Juvenalis - BasicCheck
DERMA	Juvenalis - DermaCheck

preventive biology

DIGES	Juvenalis - DigestCheck
ENDO	Juvenalis - Panel MyEndoCheck - Juvenalis - Panel MyEndoCheck
FERTF	Juvenalis - Panel - FertiCheck - woman
FERTH	Juvenalis - Panel - FertiCheck - man
IMMU	Juvenalis - ImmuCheck
JBIOT	Juvenalis - Microbiote intestinal - Stools
MINER	Juvenalis - mineral panel
MINI	Juvenalis - MiniCheck
NUTRI	Juvenalis - NutriCheck
OXYC	Juvenalis - OxyCheck
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
.	Adalimumab
.	Amino acids - chromatography
.	Anti-DNA antibodies Double stranded DNA - Serum
.	Anti-TSH receptor antibodies - serum
.	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)
.	scabies - screening
.	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-Deoxycorticol - Compound S	
11-Deoxycorticol - Compound S - serum	
11-Deoxycorticosterone	
11-Deoxycorticosterone - serum	
11-DF	11-Deoxycorticol - Compound S - serum
11-OH-THC	Cannabidoïdes - dosage - plasma
13C-urea breath tests - Helicobacter pylori	Helicobacter pylori - 13C urea breath test - expired gas
1691G>A mutation	Factor V Leiden - p.Arg506Gln mutation - whole blood
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
2,4'-DDE	Pesticides - screening and/or dosage - urine
2,4'-DDT	Pesticides - screening and/or dosage
2,4'-DDT	Pesticides - screening and/or dosage - urine
21-Deoxy F	21-Deoxycortisol - serum
21-Deoxycortisol - serum	
21-DF	21-Deoxycortisol - serum
21-DOB	21-Deoxycortisol - serum
21-Hydroxylase - antibodies	Anti-21-hydroxylase antibodies - serum
2-butanone	Methyl ethyl ketone - urine
[-2]pro-PSA - Phi score calculation - serum	
2-thio-thiazolidine-4-carboxylic-acid - urine	
23S	Helicobacter pylori and clarithromycin resistance gene - direct diagnosis - PCR
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
3tc	Lamivudine - plasma
4,4' -DDT	Pesticides - screening and/or dosage
4,4' -DDT	Pesticides - screening and/or dosage - urine
4,4'-DDE	Pesticides - screening and/or dosage
4,4'-DDE	Pesticides - screening and/or dosage - urine
4,4'-Methylenedianiline - urine	
4-Methyl-2-pentanone	Methyl isobutyl ketone - 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
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-monoacetylmorphine	Opiates - dosage - urines
6-sulfatoxymelatonin - urine	Melatonin - urine
7-Dehydrocholesterol	
9 Hydroxy-Rispéridone	Risperidone
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
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	
ABETA 1-42 protein	TAU - PTAU - Amyloid proteins - CSF
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	
Acebutolol - serum	
Acetazolamide	Diuretics - screening and dosage - urine
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 - plasma	
Acid Alpha-1 glycoprotein	Orosomucoid - serum
Acid phosphatases total - 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	Constitutional Molecular Karyotype-SNP ARRAY - whole blood
ACPA	exome
ACPA	Nephrology exome
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	
Actin - anti-antibodies	Anti-actin antibodies - typing - serum
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 bioavailability - serum
Acute leukemia	Immunophenotyping of malignant hemopaties
ADA	Adenosine Deaminase - ADA
adalimumab	Adalimumab
Adalimumab	
ADAMTS13	Factor Willebrand protease activity - ADAMTS 13
Adefovir - plasma	
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	
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

ADV	Adenovirus - IgG serology - serum
Advagraf	Tacrolimus - FK-506
Aerobic / anaerobic bacteria - MIC: Minimum Inhibitory Concentration	
Aerobic bacteria susceptibility testing	Aerobic bacterium - susceptibility testing
Aerobic bacterium - screening	
Aerobic bacterium - susceptibility testing	
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
Agenerase®	Amprenavir - Serum
Agenerase®	Fosamprenavir - Serum
AGL	Fatty acids free non-esterified - serum
AGNA	Anti- SOX1 antibodies - CSF
AGNA	Anti- SOX1 antibodies - serum
AGNE	Fatty acids free non-esterified - serum
Akineton®	Biperiden - serum
ALA	delta-Aminolevulinic acid - urine
ALA U-	delta-Aminolevulinic acid - urine
Alatop	Specific IgE : inhalant allergen testing - Phadiatop®
Albuminuria	Proteins - dosage - urine
Aldactone	Diuretics - screening and dosage - urine
Aldosterone	
Aldosterone - Lying down	
Aldosterone - Standing or Sitting position	
Aldosterone - urine	
Aldrin	Pesticides - screening and/or dosage
Aldrin	Pesticides - screening and/or dosage - urine
Alepsal®	Phenobarbital - serum
Alimemazine - Serum	
Alkaline phosphatases - fluid	
Alkaline phosphatases - isoenzymes - serum	
Alkaline phosphatases - serum	
Alkaline phosphatases bone	
Alkaptonuria	Homogentisic acid
ALL	Immunophenotyping of malignant hemopaties
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 : Phadia - inhalant allergens - single allergen
Allergens - latex	Specific IgE : latex - single allergen
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 - 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 - serum	
Alpha-1 Antitrypsin (SERPINA1 Gene) - Genotyping of S and Z variants (mutations	
Alpha-1 Microglobulin - urine	
alpha-1-seromucoid	Orosomucoid - serum
Alpha-2 Antiplasmin - activity - plasma	
Alpha-2 Macroglobulin - serum	
Alpha-carotenes	Carotenoids
Alpha-fetoprotein	AFP - Alpha fetoprotein - fluid
Alpha-fetoprotein	AFP - Alpha fetoprotein - serum
Alpha-fetoprotein - amniotic fluid	AFP - Alpha-fetoprotein - amniotic fluid
Alprazolam - Serum	
Altizide	Diuretics - screening and dosage - urine
Alzheimer	TAU - PTAU - Amyloid proteins - CSF
Amaril virus	Yellow Fever - immunity test - serum
amarile	Yellow Fever - immunity test - serum
Ambisome	Amphotericin B - Serum
AMDA	Myosite Markers - serum
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
Amiloride	Diuretics - screening and dosage - urine
Amino acids - chromatography	
Amino acids - chromatography - CSF	
Amino acids - chromatography - urine	
Aminogram	Amino acids - chromatography
Aminogram	Amino acids - chromatography - CSF
Aminogram	Amino acids - chromatography - urine
Aminolevulinate	delta-Aminolevulinic acid - urine
Amiodarone - 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 - Stools
Amoxapine - Serum	
Amoxicillin - Serum	
AMPAR abs CSF	CSF
Amphetamines - dosage - plasma	
Amphetamines - dosage - urines	
Amphotericin B - Serum	
Amprenavir - Serum	
Amyloid beta-protein	TAU - PTAU - Amyloid proteins - CSF
Amylose héréditaire à transthyrétine - Etude moléculaire du gène TTR par séquençage	
Anaerobic bacteria susceptibility testing	Anaerobic bacterium - susceptibility testing

Anaerobic bacterium - susceptibility testing	
Anafranil®	Clomipramine - Serum
Anaplasma phagocytophylum	Human ehrlichiosis - IgG/IgM serology - serum
Anaplasmose	Human ehrlichiosis - IgG/IgM serology - serum
Ancotil®	Flucytosine - Serum
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 - SNRPN methylation - whole blood	
Angelman / Prader-Willi Syndrome - uniparental disomy - mechanism identification - amniotic	
Angelman / Prader-Willi Syndrome - uniparental disomy - mechanism identification - whole	
Angioconvertase	ACE - Angiotensin Converting Enzyme
Angioconvertase	ECA - Enzyme de Conversion de l'Angiotensine (activité Buhlmann Alinity® Abbott) -
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	ECA - Enzyme de Conversion de l'Angiotensine (activité Buhlmann Alinity® Abbott) -
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
Ansatipine	Rifabutin - 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 Adenylcyclase antibodies	Pertussis - serology
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 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 CRPM5/CV2 antibodies	Anti-neuron antibodies - serum

anti deamidated gliadin antibodies	Anti deamidated gliadin peptides antibodies IgA - IgG - serum
Anti deamidated gliadin peptides antibodies IgA - IgA - serum	
Anti deamidated gliadin peptides antibodies IgA - IgG - serum	
Anti DPG antibodies	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 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 tetanus antibodies	Tetanus - immunity test - IgG serology - serum
Anti threonyl RNAt synthetase antibodies (PL7)	Myosite Markers - serum
anti THSD7A antibodies - serum	
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 - serum
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-actin antibodies - typing - serum	
Anti-adrenal gland antibodies	Anti-adrenal gland antibodies - serum
Anti-adrenal gland antibodies - serum	
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-beta 2 glycoprotein 1 antibodies - B2GP1 - IgG - serum	
Anti-beta 2 glycoprotein 1 antibodies - B2GP1 - IgM - serum	
Anti-BPAG1 antibodies	Anti-epidermal basement membrane and intracellular substance antibodies Typing
Anti-BPAG2 antibodies	Anti-epidermal basement membrane and intracellular substance antibodies Typing
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-citrulline antibodies	Anti-cyclic citrullinated peptide antibodies - CCP2
Anti-connectin antibodies	Anti-titin antibodies - 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 peptide antibodies	Anti deamidated gliadin peptides antibodies IgA - IgA - serum
Anti-deamidated Gliadin Peptide Antibodies	Anti deamidated gliadin peptides antibodies IgA - IgA - serum
Anti-desmoglein 1 antibodies	Anti-epidermal basement membrane and intracellular substance antibodies Typing
Anti-desmoglein 3 antibodies	Anti-epidermal basement membrane and intracellular substance antibodies Typing
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-dsDNA antibodies	Anti-DNA antibodies Double stranded DNA - Serum
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-endothelial cell antibodies - serum	
Anti-epidermal basement membrane and intracellular substance antibodies - serum	
Anti-epidermal basement membrane and intracellular substance antibodies Typing (BPAg2/	
Anti-EPO antibodies	Anti-erythropoietin antibodies - serum
Anti-erythrocyte antibodies - screening/identification	Indirect antiglobulin test - IAT - screening/identification
Anti-erythropoietin antibodies - serum	
Anti-exocrine pancreas antibodies - serum	
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-FI antibodies	Anti-intrinsic factor antibodies - 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	Anti-epidermal basement membrane and intracellular substance 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-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-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-intrinsic factor antibodies - serum	
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	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-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	Measles IgG - intrathecal synthesis rate - CSF + 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-Natalizumab antibodies - serum	
Anti-NC16A antibodies	Anti-epidermal basement membrane and intracellular substance antibodies Typing
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-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-oxidised LDL antibodies - IgG and/or IgM - serum	
Anti-parietal cell antibodies	Anti-parietal cell antibodies - stomach - serum
Anti-parietal cell antibodies - stomach - 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 - serum
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 - serum	
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-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-Remicade® antibodies	Infliximab
Anti-retina antibodies - serum	
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-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-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-Scl-70 antibodies	Anti-ENA antibodies (SSA, SSB, Sm, Rnp, Jo1, Scl-70) - screening and titration - Serum
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-spike	COVID-19 (SARS-CoV-2) IgG serology anti-S
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-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-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-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-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 - serum
Anti-TSH receptor antibodies - serum	
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-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	
Antibiotic multi-resistant bacteria (MRB) - screening	
antibody avidity - rubella	Rubella - antibody avidity - IgG - serum
Antidepressants - screening - identification - dosage - urine	
Antidepressants screening- identification - without dosage - Serum	
Antidiuretic hormone	ADH - Antidiuretic hormone
Antidiuretic hormone	ADH - Antidiuretic hormone - urine
Antigen - Helicobacter pylori	Helicobacter pylori - antigen - Stools
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
Arbovirus	Dengue fever - direct diagnosis - PCR
Arbovirus	Dengue fever - IgG/IgM serology - serum
Arbovirus	Tick-borne encephalitis - TBE - 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
Arsenic - inorganic an metabolites derivatives - urine	
Artane®	Trihexyphenidyl - Serum
ASCA	Anti-Saccharomyces cerevisiae antibodies - IgG/IgA - serum
Ascariasis - serology - serum	
Ascaris	Ascariasis - serology - serum
Ascorbic acid	Vitamin C - Ascorbic acid
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
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 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 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 - antigen or quantitation	Antithrombin - antigen - plasma
Atarax®	Hydroxyzine - Serum
Atazanavir - Serum	
Athymil®	Mianserin - Serum
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,
Attractive chemo protein of monocytes (MCP-1) - serum	
Australia Antigen	Hepatitis B - Qualitative HBs antigen - serum
Autoimmune pancreatitis	Anti-lactoferrin antibodies and anti carbonic anhydrase antibodies - serum
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
B-AP	Alkaline phosphatases bone
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
Baclofene - Serum	
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
Barnetil®	Sultopride - 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 - serum
Basement membrane + intercellular substance - anti-antibodies	Anti-epidermal basement membrane and intracellular substance antibodies - serum
Basic Check	
Batten disease	Lipofuscinosis Neuronal Ceroide enzymatic deficiency - whole blood
Béagyne®	Fluconazole - Serum
Behçet's disease B51 (B5) retinitis birdshot A29	Class I HLA - HLA-A and HLA-B genotyping - whole blood
Bence Jones - screening	
Bence Jones protein	Bence Jones - screening
Bence Jones proteinuria	Bence Jones - screening
Bendroflumethiazide	Diuretics - screening and dosage - urine
Benepali ®	Etanercept - serum
Benzo	Benzodiazepines - screening without identification - serum
Benzodiazepines - identification - urine	
Benzodiazepines - screening and identification - Serum	
Benzodiazepines - screening without identification - serum	
Benzodiazepines - screening without identification - urine	
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
Beta-2 microglobulin - CSF	
Beta-2 microglobulin - serum	
Beta-2 microglobulin - urine	
Beta-carotene	
Beta-carotenes	Carotenoids
Beta-cryptoxanthin	Carotenoids
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
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
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 stone	Gallstones/Saliva/Other - morphologic and infrared analysis
Bilirubin - total - free - combined - serum	
Bioactive testosterone	Testosterone bioavailability - serum
Biotin	Vitamin B8 or H - Biotin
Biperiden - serum	
BK	Mycobacteria - PCR M. tuberculosis complex (BKBM)
BK - culture	Mycobacteria - culture
BK - direct test	Mycobacteria - direct examination
BK - identification	Mycobacterium tuberculosis - identification
BK - susceptibility testing	Mycobacteria - susceptibility testing
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 - whole blood	
Blood karyotype	
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
Bocepevir - plasma	
Bone ALPs	Alkaline phosphatases bone
Bone Gla Protein	Osteocalcin - serum
Bone GLA protein	Osteocalcin - serum
Bone-specific alkaline phosphatase	Alkaline phosphatases bone
Bordet-Gengou	Pertussis - serology
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
Boron - urine	
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	Anti-epidermal basement membrane and intracellular substance antibodies Typing

BP180 - anti-antibodies	Anti-epidermal basement membrane and intracellular substance antibodies Typing
bp180 - antibodies	Anti-epidermal basement membrane and intracellular substance antibodies Typing
BP230	Anti-epidermal basement membrane and intracellular substance antibodies Typing
BP230 - anti-antibodies	Anti-epidermal basement membrane and intracellular substance antibodies Typing
BPAg1	Anti-epidermal basement membrane and intracellular substance antibodies Typing
BPAG1 - anti-antibodies	Anti-epidermal basement membrane and intracellular substance antibodies Typing
BPAG2 - anti-antibodies	Anti-epidermal basement membrane and intracellular substance antibodies Typing
Brain Natriuretic Peptide	BNP - Brain Natriuretic Peptide - plasma
BRB	Bilirubin - total - free - combined - serum
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,
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,
Breast	Panel Hereditary breast ovarian cancer and prostate Gènes ciblés: ATM, BRCA1,
BREAST	Oncogenetic exome
Breast Cancer Prognostic Gene Signature Assay - PROSIGNA TEST	
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
BRK1	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
Bromadiolone	Oral anticoagulants : Rodenticides - Serum
Bromazepam - Serum	
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	Aerobic bacterium - screening
Brugata syndrome	Cardiogenetic exome
Buflomedil - serum	
Bullous Systemic Lupus Erythematosus (BSLE)	Antibiotic multi-resistant bacteria (MRB) - screening
Bumetamide	Diuretics - screening and dosage - urine
Bupivacaine - Serum	
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 - Enzymatic activity - serum
BW	Syphilis - titration - CSF
BW - screening	Syphilis - Treponemique test - screening serology - serum
BWQ	Syphilis - titration - CSF
BZD	Benzodiazepines - identification - urine

BZD	Benzodiazepines - screening and identification - Serum
BZD	Benzodiazepines - screening without identification - serum
BZD	Benzodiazepines - screening without identification - urine
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 - whole blood
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 - whole blood
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 12 time	
C-peptide 13 time	
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
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 - whole blood
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 - serum
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
Campylobacter	Aerobic bacterium - screening
Campylobacter (C. jejuni/coli/upsaliensis)	Gastrointestinal Panel - direct diagnosis - PCR - Stools
Canalopathy	Cardiogenetic exome
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	Panel oncogénétique Rétinoblastome Gène ciblé : RB1
Cancer	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
Cancer	Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R,
CANCER	Oncogenetic exome
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 - Mannane antigen - serum	
Candida albicans - confirmation serology - serum	
Candida albicans - screening serology - serum	
Candidiasis	Candida albicans - confirmation serology - serum
Candidiasis	Candida albicans - screening serology - serum
Cannabidoïdes - dosage - plasma	
Cannabidoïdes - dosage - urines	
Cannabis	Cannabidoïdes - dosage - plasma
Cannabis	Cannabidoïdes - dosage - urines
Cannabis - hair	
Canrenone	Diuretics - screening and dosage - urine
Canthaxanthin	Carotenoids
capecitabine toxicity	Uracile - dosage(search a risk of toxicity to fluoropyrimidines)
CAR - index - Saliva	
CAR antigen	Anti-retina antibodies - serum
Carbamazepine - serum	
Carbapenemase	Antibiotic multi-resistant bacteria (MRB) - screening
Carbocaine®	Mepivacaine - serum
Carbohydrate-deficient transferrin	Carbohydrate-deficient transferrin - serum
Carbohydrate-Deficient Transferrin	Carbohydrate-deficient transferrin - serum
Carbohydrate-deficient transferrin - serum	
Carbon disulphide	2-thio-thiazolidine-4-carboxylic-acid - urine
Carbon tetrachloride	Tetrachloromethane - whole blood
Carbonic anhydrase - anti-antibodies	Anti-lactoferrin antibodies and anti carbonic anhydrase antibodies - serum
Carbutamide	Sulphonylureas - serum
Carbutamide	Sulphonylureas - urine
Carcinoembryonic antigen	CEA - Carcinoembryonic antigen - aspiration biopsy
Carcinoembryonic antigen	CEA - Carcinoembryonic antigen - serum
Cardiac arrythmia	Cardiogenetic exome
Cardiogenetic exome	
Cardiolipin - antibodies	Anti-cardiolipin antibodies - IgG - serum
Cardiolipin antibodies	Anti-cardiolipin antibodies - IgM - serum
Carotene	Beta-carotene
Carotenoids	

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	
CCP - anti-antibodies	Anti-cyclic citrullinated peptide antibodies - CCP2
CD19	Immunophenotyping: Lymphocytes B - CD19 - whole blood
CD Test	Carbohydrate-deficient transferrin - serum
CD20	Immunophenotyping: Lymphocytes B - CD19 - whole blood
CD3+	Immunophenotyping: Lymphocytes CD3-CD4-CD8 - whole blood
CD3 lymphocytes	Immunophenotyping: Lymphocytes CD3-CD4-CD8 - whole blood
CD3/CD4/CD8	Immunophenotyping: Lymphocytes CD3-CD4-CD8 - whole blood
CD56	Immunophenotyping: Lymphocytes CD56+ / CD16+ - Natural Killer Cells - whole blood
CDDP	Cisplatin - serum
CDDP and Cis-diamminedichloroplatinum	Cisplatin - serum
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	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
Celsentri	Maraviroc - Serum
Cephalosporinase	Antibiotic multi-resistant bacteria (MRB) - screening
Certican®	Everolimus
Certolizumab - serum	
CgA	Chromogranin A - Serum
CGH	Constitutional Molecular Karyotype-SNP ARRAY
CGH	Constitutional Molecular Karyotype - SNP ARRAY - Product of conception
CGH	Constitutional Molecular Karyotype-SNP ARRAY - whole blood
CGH -array	Constitutional Molecular Karyotype-SNP ARRAY - whole blood
CGH array	Constitutional Molecular Karyotype-SNP ARRAY
CGH-array	Constitutional Molecular Karyotype - SNP ARRAY - Product of conception
CH50 - Total haemolytic complement	
Chagas disease - confirmation	Trypanosoma cruzi - confirmation - serum
Chagas disease - screening for parasite	Trypanosoma gambiense - screening - CSF

Chagas disease - serology	Trypanosoma cruzi - serology - serum
Chancre	Genital ulcérations panel - direct diagnosis - PCR
Chancre mou	Haemophilus ducreyi - direct diagnosis - PCR
Chancroid	Haemophilus ducreyi - screening
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 - IgA serology - serum	
Chlamydia trachomatis - IgG serology - serum	
Chlamydia trachomatis - IgM serology - serum	
Chlordecone	Pesticides - screening and/or dosage
Chlordecone	Pesticides - screening and/or dosage - urine
Chlordiazepoxide - Serum	
Chloroform	Trichloromethane - whole blood
Chlorophacinone	Oral anticoagulants : Rodenticides - Serum
Chloroquine - Serum	
Chlorpromazine - Serum	
Chlorpropamide	Sulphonylureas - serum
Chlorpropamide	Sulphonylureas - urine
Chlortalidone	Diuretics - screening and dosage - urine
Cholera screening	Aerobic bacterium - screening
Cholesterol lecithine acyltransferase - serum	
Cholic acid	Bile acids - chromatography - serum
Cholic acid	Bile acids - serum
Cholinesterase - Enzymatic activity - serum	
Chromatin	Anti-nucleosome antibodies - serum
Chromatography of erythrocyte fatty acids	Erythrocyte fatty acids - chromatography - Total EDTA blood
Chromatography of prolactin	Prolactin - molecular forms - serum
Chromogranin A - Serum	
Chymotrypsin	
CIA	Exome Congenital heart defects
Cibenzoline - Serum	
Ciflox®	Ciprofloxacin - Serum
Cimzia ®	Certolizumab - serum
Cipralan®	Cibenzoline - 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	
Cis-Chlordane	Pesticides - screening and/or dosage
Cis-Chlordane	Pesticides - screening and/or dosage - urine
Cisplatin - serum	
Citrate	Citric acid - seminal plasma
Citrate	Citric acid - serum

Citrate	Citric acid - Urines
Citric acid - seminal plasma	
Citric acid - serum	
Citric acid - Urines	
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
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 - whole blood
Class I HLA - HLA-A and HLA-B genotyping - whole blood	
Class I HLA leukocyte and platelet antigens	Class I HLA - HLA-A and HLA-B genotyping - whole blood
Class II HLA - HLA-DQ and HLA-DR genotyping	Class II HLA - HLA-DQ and HLA-DR genotyping - whole blood
Class II HLA - HLA-DQ and HLA-DR genotyping - whole blood	
Class II HLA leukocyte and platelet antigens	Class II HLA - HLA-DQ and HLA-DR genotyping - 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	
Clopamide	Diuretics - screening and dosage - urine
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
Clotiazepam - serum	
Cloxacillin - Serum	
Clozapine	
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 - urines	
Cobalt concentration	Cobalt
Cobalt overload	Cobalt - urines
Cobicistat - plasma	
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 - CSF
Coenzyme Q10	Coenzyme Q10 - CoQ10 - Serum
Coenzyme Q10 - CoQ10 - Serum	
Colchicine - Serum	
Colchimax®	Colchicine - Serum
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,
Colorectal	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM,
COLORECTAL CANCER	Oncogenetic exome
companion	NGS "PAN ORGANE" panel: AKT1, ALK, BRAF, CTNNB1, DDR2, EGFR, ERBB2,
companion test	NGS "COLORECTAL 1" panel: KRAS, NRAS, BRAF
companion test	NGS "COLORECTAL 2"panel : AKT1, ALK, BRAF, CTNNB1, EGFR, HER2, FBXW7,
companion test	NGS "GIST " panel : KIT, PDGFRA, BRAF
companion test	NGS "LUNG1" panel: AKT1, ALK, BRAF, DDR2, EGFR, HER2, FGFR1, FGFR2,
companion test	NGS "Melanoma" panel: BRAF, NRAS, KIT
Companion test	NGS Panel "LUNG 1" : EGFR-BRAF-MET-KRAS
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 - serum
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-Deoxycorticol - Compound S - serum
Condylomes	Papillomavirus - HPV Détection and Typing of 19 high-risk HPV and 18 low-risk HPV -
Connectin - anti-antibodies	Anti-titin antibodies - serum
Constitutional Molecular Karyotype - SNP ARRAY - Product of conception	
Constitutional Molecular Karyotype-SNP ARRAY	
Constitutional Molecular Karyotype-SNP ARRAY - whole blood	
CONSTITUTIONAL ONCOGENETICS	Oncogenetic exome
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 - 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) IgG serology anti-S
Coronavirus SARS-CoV-2	COVID-19 (SARS-CoV-2) serology (total Ig) anti-N
Cortexolone	11-Deoxycorticol - Compound S - serum
Corticosterone - 11-Deoxy	11-Deoxycorticosterone - serum
Corticosterone - 11-Deoxy	
Corticosterone - Compound B - serum	
Corticostimulin	ACTH - Corticotrophin
Corticotrophin	ACTH - Corticotrophin
Corticotropin	ACTH - Corticotrophin
Cortisol - 21-Deoxy	21-Deoxycortisol - serum
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	
Coumachlor	Oral anticoagulants : Rodenticides - Serum
Coumadin	Oral anticoagulants : Rodenticides - Serum
Coumadin®	Oral anticoagulants : Warfarin - Serum
Coumatetralyl	Oral anticoagulants : Rodenticides - Serum
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
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
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 - CSF
Crimidine	Oral anticoagulants : Rodenticides - Serum
Crixivan®	Indinavir - Serum
Cross link	NTx - N-telopeptides of type I collagen - urines
CrossLaps	
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	
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
CS2	2-thio-thiazolidine-4-carboxylic-acid - urine
CSF	
CSF electrophoresis	Isoelectric focussing - CSF + serum
CST	Iron - saturation percentage - serum
CTF	Iron - total binding capacity - serum
CTX	CrossLaps
CTX	CrossLaps - urines
Cutaneous	Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R,
Cyamemazine - Serum	
Cyanide ions	Thiocyanates - ion - Serum
Cyanide ions	Thiocyanates - ion - urine
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
Cystic Fibrosis - CFTR gene - detection of 51 mutations	
Cystic fibrosis - CFTR gene - detection of 51 mutations - whole blood	
Cysticercosis - confirmation serology	
Cysticercosis - Taenia Solium - IgG serology - serum	
cysts	Parasitology - microscopy - Stools
Cytokin	Interleukin (IL)-10 - .
Cytokin	Interleukin (IL)-6 - .
Cytokin	Interleukin (IL)-6 - serum
Cytokine	Attractive chemo protein of monocytes (MCP-1) - serum
Cytokine	Epidermal growth factor (EGF) - serum
Cytokine	Interferon gamma - serum
Cytokine	Interleukin (IL)-10 - serum
Cytokine	Interleukin (IL)-1 alpha - serum
Cytokine	Interleukin (IL)-1 beta - serum
Cytokine	Interleukin (IL)-2 - receptor
Cytokine	Interleukin (IL)-2 - serum
Cytokine	Interleukin (IL)-4 - serum
Cytokine	Interleukin (IL)-5

Cytokine	Interleukin (IL)-8 - serum
Cytokine	Panel Cytokine - IL1 beta, IL2, IL4 and IL6 - serum
Cytokine	TNF-alpha - Tumour Necrosis Factor - serum
Cytokine	Vascular Endothelial Growth Factor (VEGF) - serum
Cytokines	Attractive chemo protein of monocytes (MCP-1) - serum
Cytokines	Epidermal growth factor (EGF) - serum
Cytokines	Interferon gamma - serum
Cytokines	Interleukin (IL)-10 - serum
Cytokines	Interleukin (IL)-1 alpha - serum
Cytokines	Interleukin (IL)-1 beta - serum
Cytokines	Interleukin (IL)-2 - serum
Cytokines	Interleukin (IL)-4 - serum
Cytokines	Interleukin (IL)-6 - serum
Cytokines	Interleukin (IL)-8 - serum
Cytokines	TNF-alpha - Tumour Necrosis Factor - serum
Cytokines	Vascular Endothelial Growth Factor (VEGF) - serum
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 - whole blood
Cytometry	Immunophenotyping: Lymphocytes CD3-CD4-CD8 - whole blood
Cytometry	Immunophenotyping: Lymphocytes CD56+ / CD16+ - Natural Killer Cells - whole blood
Cytometry	Immunophenotyping: Lymphocytes NK/CD57 - 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 - 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) - whole blood
DDM	4,4'-Methylenedianiline - urine
Decarboxytransferrin	Carbohydrate-deficient transferrin - serum
Defanyl®	Amoxapine - 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 - 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 - serum
Deoxycorticosterone - 11	
deoxycortisol - 11	11-Deoxycorticol - Compound S - serum
Depakine®	Valproic acid - serum
Depakote	Valproic acid - serum
Depamide®	Valproic acid - serum
Derma Check	Juvenalis - DermaCheck
dermatomyositis	Myosite Markers - serum
Dermatophyte	Fungus - Yeasts - identification
Deroxat®	Paroxetine - serum
Designated bacterium - direct diagnosis - PCR	
Desipramine	Imipramine - Serum
Desmethylclomipramine	Clomipramine - Serum
Desmethylclozapine	Clozapine
Desmethylimipramnine	Imipramine - Serum
desmoglein 1	Anti-epidermal basement membrane and intracellular substance antibodies Typing
desmoglein 3	Anti-epidermal basement membrane and intracellular substance antibodies Typing
Desmosomes - anti-antibodies	Anti-epidermal basement membrane and intracellular substance antibodies - serum
Detection and identification bacterial DNA - 16S PCR by NGS sequencing	
Detection of free light chains	Bence Jones - screening
DEVELOPMENTAL DISORDER	Exome Isolated or syndromic intellectual disability and syndromic neurodevelopmental
Dexambutol®	Ethambutol - Serum
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	
Diaminodiphenylmethane	4,4'-Methylenedianiline - urine
Diazepam + desmethyldiazepam - Serum	
Dibenzoazepine	Phenothiazines - aspiration biopsy
Dibenzoazepine	Phenothiazines - Serum
Dichloromethane - urine	
Dicofol	Pesticides - screening and/or dosage

Dicofol	Pesticides - screening and/or dosage - urine
Dieldrin	Pesticides - screening and/or dosage
Dieldrin	Pesticides - screening and/or dosage - urine
Difethialone	Oral anticoagulants : Rodenticides - Serum
Digest Check	Juvenalis - DigestCheck
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	Oncogenetic exome
Digestive parasitosis	Helminthes - Protozoaires - direct diagnosis - PCR - stool
Digoxine par immunoturbidimétrie (Abbott) - Sérum	
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 heart disease	Cardiogenetic exome
Dilatrane®	Theophylline - serum
Diltiazem - serum	
Dioalgo®	Dextropropoxyphene - urine
Diphacinone	Oral anticoagulants : Rodenticides - Serum
Diphantoin	Phenytoin - serum
Diphenylhydantoin	Phenytoin - serum
diphteria	Diphtheria - immunity test - IgG serology - serum
Diphtheria - immunity test - IgG serology - serum	
Diphtheria - screening	Aerobic bacterium - screening
Diphtheria toxin - anti-antibodies	Diphtheria - immunity test - IgG serology - serum
Dipiperon®	Pipamperone - Serum
Dipropylacetamide	Valproic acid - serum
Dipyridamole - Serum	
Direct antiglobulin test	Erythrocyte direct Coombs - whole blood
Direct Coombs test	Erythrocyte direct Coombs - whole blood
Direct LDL cholesterol - serum	
Disopyramide - serum	
Distomatosis - confirmation serology - serum	
Distomatosis - screening serology - serum	
Diuretics - screening and dosage - urine	
Divalproate de sodium	Valproic acid - serum
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	Constitutional Molecular Karyotype-SNP ARRAY - whole blood
DNA CHIP	Prenatal exome
DNA Fragmentation Index	DNA fragmentation test - DNA decondensation - SCSA - Sperm
DNA fragmentation test - DNA decondensation - SCSA - Sperm	
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 - serum
DOC	
Dogmatil®	Sulpiride - Serum
Dolutegravir - Serum	
Dopamine	Catecholamines - free - Urine
Dopamine	Free catécholamines
Dopamine	Free catécholamines - children - urine
Dosulepin - Serum	
Down syndrome	Trisomy 21 - 1st trimester combined screening - serum
Down syndrome	Trisomy 21 - maternal serum markers - 2 parameters - serum

Down syndrome	Trisomy 21 - maternal serum markers - 3 parameters - serum
Doxepin - Serum	
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 - whole blood
DPPX abs CSF	CSF
Droleptan®	Droperidol - serum
Droperidol - serum	
dsDNA - anti-antibodies	Anti-DNA antibodies Double stranded DNA - Serum
dsDNA - anti-antibodies	Anti-DNA antibodies double stranded - Farr test - serum
Duloxetine - serum	
D.xylose test	Xylose - serum
Dysgammaglobulinemia	Immunobinding - serum
Dysgammaglobulinemia	Protein electrophoresis and Immunobinding - serum
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 antigen	Epstein-Barr Virus - EBV - IgA EA serology - serum
Early antigen	Epstein-Barr Virus - EBV - IgG EA 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
ECA - Enzyme de Conversion de l'Angiotensine (activité Buhlmann Alinity® Abbott) - serum	
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
EDDP	Methadone and EDDP - Serum
Edurant	Rilpivirine
Efavirenz	
Effexor®	Venlafaxine - serum
Effient	VASP - VAsodilatator Stimulated Phosphoprotein - whole blood
Efient	VASP - VAsodilatator Stimulated Phosphoprotein - whole blood
EGBE	Butoxyacetic acid - urine
EGFR	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
EGFR	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A,

eggs	Parasitology - microscopy - Stools
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	Erythrocyte fatty acids - chromatography - Total EDTA blood
EJ - anti-antibodies	Myosite Markers - serum
Elavil®	Amitriptyline - Serum
Electrolytes stool - stool	
electrophoresis of alkaline phosphatases	Alkaline phosphatases - isoenzymes - serum
Eliquis	Apixaban(Eliquis ®) - Anti Xa activity measurement - plasma
elliptocytes	Erythrocytes morphological aspect
Elvitegravir - Serum	
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
Endocrine tumors	Serotonin - whole blood
Endocrinologie	ACTH - Corticotrophin
Endocrinologie	hcG dimeric molecule (alpha + beta) - serum
Endocrinologie	Oestradiol - woman - serum
Endocrinologie	
Endocrinologu	
Endocrinology	11-Deoxycorticol - Compound S - serum
Endocrinology	11-Deoxycorticosterone - serum
Endocrinology	17-Hydroxyprogesterone
Endocrinology	21-Deoxycortisol - serum
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 - serum
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 - 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
Endocrinology	Inhibin B - Child - serum
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 active- standing
Endocrinology	rT3 - Reverse triiodothyronine
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 - Study of amniotic fluid - Amniotic fluid
Endocrinology	Steroids panel - Testing for a disorder in steroid biosynthesis
Endocrinology	T3 - Triiodothyronine - urine
Endocrinology	T4 - Thyroxine - urine
Endocrinology	Testosterone bioavailability - 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
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
Endosulfan: alpha, beta, ether, lactone, sulfate	Pesticides - screening and/or dosage - urine
Endothelial cells - anti-antibodies	Anti-endothelial cell antibodies - serum
Endrin	Pesticides - screening and/or dosage
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	viral meningoencephalitis panel - direct diagnosis - PCR
Entérovirus	Enterovirus - direct diagnosis - PCR
Enterovirus - direct diagnosis - PCR	
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,
Epidermal - anti-antibodies	Anti-epidermal basement membrane and intracellular substance antibodies - serum
Epidermal growth factor (EGF) - serum	
Epididymal protein 4	HE4- ROMA calculation - serum
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	
Equanil®	Meprobamate - Serum
Equanil®	Meprobamate - urine
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
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 - whole blood	
Erythrocyte fatty acids - chromatography - Total EDTA blood	
Erythrocyte folic acid - whole blood	
Erythrocyte lithium	Erythrocyte lithium - whole blood
Erythrocyte lithium - whole blood	
Erythrocyte magnesium - whole blood	
Erythrocyte porphyrins	
Erythrocyte pyruvate kinase	Erythrocyte pyruvate kinase - whole blood
Erythrocyte pyruvate kinase - whole blood	
Erythrocytes folates	Erythrocyte folic acid - whole blood
Erythrocytes morphological aspect	
Erythrocytes vitamin B9	Erythrocyte folic acid - whole blood
Erythropoietin - anti-antibodies	Anti-erythropoietin antibodies - serum
Erythropoietin - serum	
Erythrovirus B19 - IgG serology	Parvovirus B19 - immunity test - serum
Erythrovirus B19 - IgG/IgM serology	Parvovirus B19 - IgG/IgM serology - serum
Escitalopram - serum	
Eslicarbazepine	10-Hydroxy-carbazepine - serum
Estazolam - Serum	
Etanercept - serum	
Ethacrynic acid	Diuretics - screening and dosage - urine
Ethambutol - 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	
Etravirine	
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	
Eviplera	Emtricitabine - plasma
Eviplera	Rilpivirine
Eviplera	Tenofovir - plasma
Exacor®	Cibenzoline - Serum
Exanthem subitum - serology	Herpes virus type 6 (HHV6) - IgG serology - serum
Excess fat in stools	Steatorrhoea - fat dosage - stool
exchangeable copper / serum copper ratio.	Copper - exchangeable / free
Exocrine pancreas - anti-antibodies	Anti-exocrine pancreas antibodies - serum
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	
Exons and flanking intronic regions	Cardiogenetic 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,
Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-	
Extended phenotype	
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 - whole blood	
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 - whole blood	
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 - whole blood	
Farr test	Anti-DNA antibodies double stranded - Farr test - serum
Fasciola Hepatica - serology	Distomatosis - screening serology - serum
Fatty acids free non-esterified - serum	
FDP	FDP - fibrinogen and fibrin degradation products - plasma
FDP - fibrinogen and fibrin degradation products - plasma	
Felbamate - Serum	
Ferti Check	Juvenalis - Panel - FertiCheck - man
Ferti Check	Juvenalis - Panel - FertiCheck - woman
fetal red blood cells in maternal blood	Fetal-maternal haemorrhage - 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 - whole blood	
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 - .	
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
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,
Flecaine®	Flecainide - serum
Flecainide - serum	
Fletcher factor	Prekallikrein - activity - plasma
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
Fluanxol®	Flupentixol - Serum
Fluconazole - Serum	
Flucytosine - Serum	
Fluisedal®	Promethazine - serum
Fluke	Distomatosis - confirmation serology - serum
Fluke	Distomatosis - screening serology - serum
Flunitrazepam - serum	

Fluorine - Serum	
Fluorine - urine	
Fluorine concentration	Fluorine - Serum
Fluorine overload	Fluorine - urine
Fluorocytosine 5-	Flucytosine - 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	
Flupentixol - Serum	
Fluphenazine - Serum	
Fluvoxamine - serum	
FMF	Familial Mediterranean fever - MEFV gene - new generation sequencing - whole blood
FMR1	Fragile X - syndrome - whole blood
foetal rhesus	Rhesus D - foetal genotype
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	
Fonzylane®	Buflomedil - serum
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
Formaldehyde	Formic acid - urine
Formaline	Formic acid - urine
Formic acid - urine	
Fortum®	Ceftazidime - Serum
Fosamprenavir - Serum	
Fosfocine®	Fosfomycin - Serum
Fosfomycin - Serum	
Fosphenytoin	Phenytoin - serum
Fragile X - syndrome	
Fragile X - syndrome - whole blood	
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 - IgM serology - serum
Full blood count	Leukocyte Count Detailed
Functional coprology	Faecal test -Functional coprology - stool
Functional investigation	Faecal test -Functional coprology - stool
Fungizone®	Amphotericin B - Serum
Fungus - Yeasts - identification	
Fungus - Yeasts - MIC: Minimum Inhibitory Concentration	
Fungus - Yeasts - screening	
Furosemide	Diuretics - screening and dosage - urine
Furosemide - serum	
Furosemide - urine	
Fycompa®	Perampanel - Serum - PERAMPANEL
G20210A mutation	Factor II - Prothrombin - G20210G>A mutation - whole blood
G6PD	G6PD - Glucose-6- phosphate dehydrogenase
G6PD - Glucose-6- phosphate dehydrogenase	
GAA	Guanidinoacetate and creatine - plasma
GAA	Guanidinoacetate and creatine - urine
Gabapentin - serum	
GABAR abs CSF	CSF
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 - whole blood	
Galactosemia	Galactose-1-Phosphate Uridyl transferase - whole blood
Gallstones/Saliva/Other - morphologic and infrared analysis	
GAM	IgA/G/M - Immunoglobulins A/G/M - serum
Gamma linoleic acid	Erythrocyte fatty acids - chromatography - Total EDTA blood
Gamma-hydroxybutyric acid	GHB - Gamma-hydroxybutyric acid - urines
Gamma-interferon	Interferon gamma - CSF
Gamma-interferon	Interferon gamma - serum
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	
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
Genetics of infertility	Exome sequencing - Male infertility - Screening for mutations involved in male infertility
Genital ulcérations panel - direct diagnosis - PCR	
Genotyping - HCV	Hepatitis C - genotyping

Genotyping of dihydropyrimidine dehydrogenase	
Genotyping of S and Z alpha-1-antitrypsin variants	Alpha-1 Antitrypsin (SERPINA1 Gene) - Genotyping of S and Z variants (mutations
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 - Stools
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	Sulphonylureas - urine
Glibenclamide - serum	
Glibornuride	Sulphonylureas - serum
Glibornuride	Sulphonylureas - urine
Glicazide	Sulphonylureas - serum
Glicazide	Sulphonylureas - urine
Glimepiride	Sulphonylureas - serum
Glimepiride	Sulphonylureas - urine
Glipizide	Sulphonylureas - serum
Glipizide	Sulphonylureas - urine
Glivec	Imatinib - Plasma
Globin - Screening for alpha or beta gene - postnatal	
Globular lithium	Erythrocyte lithium - whole blood
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 - Serum
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
Glycosaminoglycans	Mucopolysaccharides - urines
Glycosylated haemoglobin	Haemoglobin glycosylated - HbA1c - whole blood
Glycosylated proteins	Fructosamine - serum
GlyR abs CSF	CSF
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
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	
H63D mutation	Haemochromatosis - HFE gene - p.His63Asp mutation - whole blood
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 - whole blood
Haemochromatosis	Haemochromatosis - HFE gene - p.His63Asp mutation - whole blood
Haemochromatosis	Haemochromatosis - HFE gene - p.Ser65Cys mutation
Haemochromatosis - HFE gene - p.Cys282Tyr mutation - whole blood	
Haemochromatosis - HFE gene - p.His63Asp mutation - whole blood	
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 - whole blood	
Haemoglobin HbA1c fraction	Haemoglobin glycosylated - HbA1c - 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 - 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
HCB	Pesticides - screening and/or dosage
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 dimeric molecule (alpha + beta) - serum	
hCG dimers	hcG dimeric molecule (alpha + beta) - 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 - 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®	Digoxine par immunoturbidimétrie (Abbott) - Sérum
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 Delta - antigen - serum	
Hepatitis Delta - IgM antibody - serum	
Hepatitis Delta - total antibodies - serum	
Hepatitis Delta - viral load - PCR	
Hepatitis E - direct diagnosis - PCR	
Hepatitis E - IgG antibody - serum	
Hepatitis E - IgM antibody - serum	
Hepsera®	Adefovir - plasma
Heptachlor	Pesticides - screening and/or dosage
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 spherocytosis - screening (eosin-5'-maleimide (EMA) staining)	
Heroin	Opiates - dosage - plasma
Heroin	Opiates - dosage - urines
herpes gestationis factor	Anti-epidermal basement membrane and intracellular substance antibodies Typing
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 - serum	
Herpes virus type 6 (HHV6) - IgM serology - serum	
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) - IgG serology - serum	
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
Hexone	Methyl isobutyl ketone - urine
HFSR hemorragic fever syndrome renal	Hantavirus - IgG/IgM serology - serum
Hg	Mercury - biological fluid
Hg	Mercury - hair specimen
Hg	Mercury - saliva
Hg	Mercury - urine
Hg	Mercury - whole blood
hGH	GH - Growth hormone - serum
HHV	Herpes virus type 6 (HHV6) - IgM serology - serum
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 - serum
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
HHV-8 - serology	Herpes virus type 8 (HHV8) - IgG serology - serum
HHV6	Herpes virus type 6 (HHV6) - IgM serology - serum
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
Hippurate	Hippuric acid - urine
Hippuric acid - urine	
Histones - anti-antibodies	Anti-histone antibodies - serum
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	HIV2 - Human Immunodeficiency Virus - viral load - Plasma
HIV1 - Human Immunodeficiency Virus - viral load - Plasma	
HIV ¿ immunoblot	HIV1/2 - Human Immunodeficiency Virus - confirmatory serology by immuno-transfer
HIV1/2 - Human Immunodeficiency Virus - confirmatory serology by immuno-transfer	
HIV1/2 - Human Immunodeficiency Virus - screening serology - serum	
HIV - Genotypic resistance testing of retrovirals	HIV - Human Immunodeficiency Virus - genotyping (reverse transcriptase and protease
HIV - Human Immunodeficiency Virus - Genotyping (fusion inhibitor): anti viral resistance	
HIV - Human Immunodeficiency Virus - genotyping (reverse transcriptase and protease	
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-1/2 - 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-2	HIV2 - Human Immunodeficiency Virus - viral load - Plasma
HIV-RNA viral load	HIV1 - Human Immunodeficiency Virus - viral load - Plasma
H+K+ ATPase - anti antibodies	Anti-proton pump antibodies - serum
HLA-A and HLA-B - genotyping	Class I HLA - HLA-A and HLA-B genotyping - whole blood
HLA-B27 - genotyping - whole blood	

HLA-B27 antigen	HLA-B27 - genotyping - whole blood
HLA-B27 genotyping	HLA-B27 - genotyping - whole blood
HLA-B27 leukocyte and platelet antigens	HLA-B27 - genotyping - whole blood
HLA-B27 typing	HLA-B27 - genotyping - whole 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 - index - serum	
HOMA index	Insulin - serum
Homocysteinaemia	Homocysteine - plasma
Homocysteine - plasma	
Homogentisic acid	
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 oncogenes	
HPV test for vaginal sampling or self-sampling	
H.pylori	Helicobacter pylori and clarithromycin resistance gene - direct diagnosis - PCR
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 - serum
HT	Serotonin - whole blood
HT21	Trisomy 21 - 1st trimester combined screening - serum
HT21	Trisomy 21 - maternal serum markers - 2 parameters - serum
HT21	Trisomy 21 - maternal serum markers - 3 parameters - serum
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 - whole blood	
HTLV-1 and -2 - anti-antibodies	HTLV I/II - confirmation serology - serum
Hu - anti-antibodies	Anti-neuron antibodies - serum
Human babesiosis - serology - serum	
Human chorionic gonadotropin - whole molecule	hcG dimeric molecule (alpha + beta) - serum
Human ehrlichiosis - IgG/IgM serology - serum	
Human Enterovirus/rhinovirus	Respiratory Infection Panel - direct diagnosis - PCR
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 - anti -viral resistance screen	HIV - Human Immunodeficiency Virus - Genotyping (fusion inhibitor): anti viral
Human Immunodeficiency Virus - antiviral resistance profile	HIV - Human Immunodeficiency Virus - genotyping (reverse transcriptase and protease
Human Metapneumovirus	Respiratory Infection Panel - direct diagnosis - PCR
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
Hydrochlorothiazide	Diuretics - screening and dosage - urine
Hydrocortisone	Cortisol - Compound F - saliva
Hydrocortisone	Cortisol - Compound F - serum
Hydrocortisone	
Hydroflumethiazide	Diuretics - screening and dosage - urine
Hydroquinidine - Serum	
Hydroxychloroquine - whole blood	
Hydroxyindoleacetic - 5	5-HIAA - 5-hydroxyindoleacetic acid - Urine
Hydroxyrisperidone	Risperidone
Hydroxytryptamine - whole blood	Serotonin - whole blood
Hydroxyzine - Serum	
Hypertrophic heart disease	Cardiogenetic exome
Hypnovel®	Midazolam - Serum
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
Iclusig	Ponatinib - Plasma
Identification of HIV-1 viral tropism (CCR5 V3 loop and gp 120)	HIV - Human Immunodeficiency Virus - Genotyping (fusion inhibitor): anti viral
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
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	
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-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
Iglons5 abs CSF	CSF
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 - serum
IL-1Beta	Interleukin (IL)-1 beta - serum
IL-2	Interleukin (IL)-2 - serum
IL-4	Interleukin (IL)-4 - serum
IL-5	Interleukin (IL)-5
IL-6	Interleukin (IL)-6 - serum
IL-8	Interleukin (IL)-8 - serum
IL28B genotyping	Interleukin 28B (IL28B polymorphisme C/T rs 12979860) - genotyping - whole blood
Imatinib - Plasma	
Imipramine - Serum	
immu check	Juvenalis - ImmuCheck
Immunobinding - 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 - whole blood	
Immunophenotyping: Lymphocytes CD3-CD4-CD8 - whole blood	
Immunophenotyping: Lymphocytes CD56+ / CD16+ - Natural Killer Cells - whole blood	
Immunophenotyping: Lymphocytes NK/CD57 - whole blood	
Immunophenotyping of malignant hemopaties	
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
Imupro	Nutritol - IgG food panel 287 foods - serum
Indapamide	Diuretics - screening and dosage - urine
Indinavir - 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
INF-gamma	Interferon gamma - serum
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
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
Inhibin A - serum	
Inhibin A - ultrasensitive - serum	
Inhibin B	
Inhibin B - Child - serum	
Inhibitor of type 1 of the Plasminogen activator	PAI1 - Plasminogen activator inhibitor-1 - plasma
INOVELON®	Rufinamide - Serum
INR	Prothrombine Ratio - plasma
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 - 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

Intercellular substance + basement membrane - anti-antibodies	Anti-epidermal basement membrane and intracellular substance antibodies - serum
Interferon alpha - biological fluid	
Interferon alpha - CSF	
Interferon alpha - neutralizing antibody - serum	
Interferon alpha - serum	
Interferon gamma - CSF	
Interferon gamma - serum	
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 2	Interleukin (IL)-2 - serum
Interleukin 28B (IL28B polymorphisme C/T rs 12979860) - genotyping - whole blood	
Interleukin (IL)-10 - .	
Interleukin (IL)-10 - serum	
Interleukin (IL)-1 alpha - serum	
Interleukin (IL)-1 beta - serum	
Interleukin (IL)-2 - receptor	
Interleukin (IL)-2 - serum	
Interleukin (IL)-4 - serum	
Interleukin (IL)-5	
Interleukin (IL)-6 - .	
Interleukin (IL)-6 - serum	
Interleukin (IL)-8 - serum	
Interleukin-2 receptor	Interleukin (IL)-2 - receptor
Interleukine	Attractive chemo protein of monocytes (MCP-1) - serum
Interleukine	Epidermal growth factor (EGF) - serum
Interleukine	Interferon gamma - serum
Interleukine	Panel Cytokine - IL1 beta, IL2, IL4 and IL6 - serum
Interleukine	TNF-alpha - Tumour Necrosis Factor - serum
Interleukines	Attractive chemo protein of monocytes (MCP-1) - serum
Interleukines	Epidermal growth factor (EGF) - serum
Interleukines	Interferon gamma - serum
Interleukines	Interleukin (IL)-10 - serum
Interleukines	Interleukin (IL)-1 alpha - serum
Interleukines	Interleukin (IL)-1 beta - serum
Interleukines	Interleukin (IL)-2 - serum
Interleukines	Interleukin (IL)-4 - serum
Interleukines	Interleukin (IL)-6 - serum
Interleukines	Interleukin (IL)-8 - serum
Interleukines	TNF-alpha - Tumour Necrosis Factor - serum
Intrathecal IgG synthesis	Isoelectric focussing - CSF + serum
Intrinsic factor - anti-antibodies	Anti-intrinsic factor antibodies - serum
Iodine - urine	
Iodine concentration	Iodine total - serum
Iodine overload	Iodine - urine
Iodine total - serum	
Ionised calcium	
Iron - saturation percentage - serum	
Iron - serum	
Iron - total binding capacity - serum	
Iron - urines	
Iron concentration	Iron - serum
Iron overload	Iron - urines
Isentress®	Raltegravir - Serum
Isocopropophyrins	Porphyrins - stool
Isocoproporphyrines	Porphyrins - Urines
Isoelectric focussing - CSF + serum	
Isoelectric focussing with IgG index	Isoelectric focussing - 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
Isopropyl alcohol - Serum	
Isoprotoporphyrins	Porphyrins - stool
Isoptin®	Verapamil - Serum
Isospora	Parasitology - microscopy - Stools
Isosporose	Parasitology - microscopy - Stools
Itraconazole and hydroxylated metabolite - Serum	
Ixel®	Milnacipran - Serum
Izilox	Moxifloxacin - Serum
Jaeken syndrom	Adenylosuccinase - deficiency syndrome screening - urine
JAK2 - gene - VAL617PHE (V617F) mutation - whole blood	
Jansky-Bielschowsky disease	Lipofuscinosis Neuronal Ceroide enzymatic deficiency - whole blood
Janus kinase 2 - mutation V617F - c.1849G>T	JAK2 - gene - VAL617PHE (V617F) mutation - whole blood
JCV	Polyomavirus JC - direct diagnosis - PCR
Juvenalis - AgeCheck - man	
Juvenalis - AgeCheck - woman	
Juvenalis - BasicCheck	
Juvenalis - DermaCheck	
Juvenalis - DigestCheck	
Juvenalis - ImmuCheck	
Juvenalis - NutriCheck	
Juvenalis - OxyCheck	
Juvenalis - Panel - FertiCheck - man	
Juvenalis - Panel - FertiCheck - woman	
Juvenalis - Panel - VeggieCheck	
Kala-azar	Leishmaniasis - direct diagnosis - PCR
Kaletra®	Lopinavir - Serum
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	
KCNH2	Cardiogenetic exome
KCNQ1	Cardiogenetic exome
Keppra®	Levetiracetam - serum
Ketoconazole - Serum	
Ketone bodies - Deproteinized heparin whole blood sample or CSF	
kidney	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
Kivexa®	Abacavir - plasma
Kleihauer - test	Fetal-maternal haemorrhage - whole blood
KSHV - IgG serology	Herpes virus type 8 (HHV8) - IgG serology - serum
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 - 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 - whole blood	
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	
Largactil®	Chlorpromazine - Serum
Laroxyl®	Amitriptyline - Serum
Lasilix®	Furosemide - serum
Lasilix®	Furosemide - urine
Latex IgE (RAST) - single allergen	Specific IgE : latex - single allergen
LATS	Anti-TSH receptor antibodies - serum
LBI	Bartonellosis - B. henselae - B. quintana - IgG serology - 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
LCAT	Cholesterol lecithine acyltransferase - 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	
Lead - whole blood	
Lead concentration	Lead - whole blood
Lead overload	Lead
legionella	Legionellosis serogroups 1-6 - serology IgG/IgM screening - 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 serogroups 1-6 - serology IgG/IgM screening - 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 serogroups 1-6 - serology IgG/IgM screening - serum	
Leishmaniasis	Leishmaniasis - direct diagnosis - PCR
Leishmaniasis - direct diagnosis - PCR	
Leismania	Leishmaniasis - direct diagnosis - PCR
Leponex®	Clozapine
Lepticur - serum	
Leptin - serum	
Leptosirosis confirmation	Leptospirosis - total abs microagglutination - Martin-Pettit - serum
Leptospirosis	Leptospirosis - IgM serology - serum
Leptospirosis	Leptospirosis - total abs microagglutination - Martin-Pettit - serum
Leptospirosis - IgM serology - serum	
Leptospirosis - total abs microagglutination - Martin-Pettit - serum	
Leukemia chronic myelomonocytic	Immunophenotyping of malignant hemopaties
Leukocidin	PVL toxin detection (Staphyloccoccus aureus) - PCR on strain
Leukocyte Count Detailed	
Levetiracetam - serum	
Levofloxacin - Serum	

Levomepromazine - Serum	
Lexomil®	Bromazepam - Serum
Leydig cells - anti-antibodies	Anti-testicular antibodies - serum
LH - Luteinising hormone	
LH - Luteinising hormone - serum	
LH - Luteinising hormone - urines	
LH - Luteinising hormone 7 time	
LH - Luteinising hormone 8 time	
LH - Luteinising hormone 9 time	
Li	Lithium par spectrophométrie - serum
Li - erythrocytes	Erythrocyte lithium - whole blood
Librax®	Chlordiazepoxide - Serum
Lidocaine - Serum	
Likozam	Clobazam - Serum
Lindane	Pesticides - screening and/or dosage
Lindane	Pesticides - screening and/or dosage - urine
Lioresal	Baclofene - 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 - 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
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
Lithiasis	Gallstones/Saliva/Other - morphologic and infrared analysis
Lithiasis	Urinary stone - morphologic and infrared analysis
Lithium concentration	Lithium par spectrophométrie - serum
Lithium par spectrophométrie - serum	
Lithocholic acid	Bile acids - chromatography - serum
Lithocholic acid	Bile acids - 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 - whole blood
Locus D - Class II HLA	Class II HLA - HLA-DQ and HLA-DR genotyping - whole blood
Logryx®	Minocycline - Serum
Long QT Syndrome	Cardiogenetic exome
Lopinavir - Serum	
Loprazolam - Serum	
Lopressor®	Metoprolol - Serum
Lormetazepam - Serum	
Low D-xylose absorption	Xylose - serum
Loxapac®	Loxapine - Serum
Loxapine - Serum	
Lp(a)	Lipoprotein Lp(a) - serum

LPA	Lipoprotein Lp(a) - 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 - serum
LTH	Prolactin - serum
Ludiomil®	Maprotiline - Serum
lung	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A,
Lung	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
Luteal hormone	Progesterone - serum
Lutein	Carotenoids
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
Lycopene	Carotenoids
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 - whole blood
Lymphocyte immunophenotyping	Immunophenotyping: Lymphocytes CD3-CD4-CD8 - whole blood
Lymphocyte immunophenotyping	Immunophenotyping: Lymphocytes CD56+ / CD16+ - Natural Killer Cells - whole blood
Lymphocyte immunophenotyping	Immunophenotyping: Lymphocytes NK/CD57 - whole blood
Lymphocyte Immunophenotyping	Immunophenotyping of malignant hemopaties
Lymphocyte phenotyping	Immunophenotyping of malignant hemopaties
Lymphocyte typing	Immunophenotyping: Lymphocytes B - CD19 - whole blood
Lymphocyte typing	Immunophenotyping: Lymphocytes CD3-CD4-CD8 - whole blood
Lymphocyte typing	Immunophenotyping: Lymphocytes CD56+ / CD16+ - Natural Killer Cells - whole blood
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
Malaria - serology	Malaria - serology - serum
Malaria - serology - serum	
MALFORMATIONS	Exome Congenital heart defects
Malon dialdehyde	Malondialdehyde - plasma
Malondialdehyde - plasma	
MALORMATIVE SYNDROME	Exome Isolated or syndromic intellectual disability and syndromic neurodevelopmental
Mandrax®	Methaqualone - Serum
Manganese - Serum	
Manganese - urine	
Manganese - whole blood	
Mansonella perstans	Filariasis - serology - serum
Maprotiline - Serum	
Maraviroc - Serum	
Marcaine®	Bupivacaine - Serum
Markers in progressive systemic sclerosis(Scleroderma) - serum	
Martin and Pettit agglutination-lysis test - antibody titration	Leptospirosis - total abs microagglutination - Martin-Pettit - serum
Martin and Pettit microagglutination-lysis test - antibody titration	Leptospirosis - total abs microagglutination - Martin-Pettit - serum
MAT - antibody titration	Leptospirosis - total abs microagglutination - Martin-Pettit - serum
Matrix	IgE against multiple individual allergens - inhalant allergens - serum
Mature B lymphocytes	Immunophenotyping: Lymphocytes B - CD19 - 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,
MD5	Myosite Markers - serum
MDA	4,4'-Methylenedianiline - urine
MDA	Amphetamines - dosage - plasma
MDA	Amphetamines - dosage - urines
MDA	Malondialdehyde - plasma
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 - direct diagnosis - PCR	
Measles - IgG/IgM serology - serum	
Measles - immunity test - IgG serology - serum	
Measles IgG - intrathecal synthesis rate - CSF + serum	
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
MEC	Methyl ethyl ketone - urine
Mediterranean Boutonneuse fever - serology	Rickettsioses - R. conorii, R. typhi - serology - serum

Melanoma	Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R,
Melatonin - urine	
Melatonin - urines	
Melleril®	Thioridazine - Serum
membrane fatty acids	Erythrocyte fatty acids - chromatography - Total EDTA blood
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
Mepivacaine - serum	
Meprobamate - Serum	
Meprobamate - urine	
Mepronizine®	Meprobamate - Serum
Mepronizine®	Meprobamate - urine
Mercury - biological fluid	
Mercury - hair specimen	
Mercury - saliva	
Mercury - urine	
Mercury - whole blood	
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,
Metadrenaline	Methoxylated derivatives of catecholamines - Free metanephrines
Metadrenaline	Methoxylated derivatives of catecholamines - Free metanephrines - child - urine
Metadrenaline	Methoxylated derivatives of catecholamines - Free metanephrines - 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 - Serum	
Methadone and EDDP - Serum	
methamphetamin	Amphetamines - dosage - urines
Methamphétamine	Amphetamines - dosage - plasma
Methanol	Methyl alcohol - Serum
Methanol	Methyl alcohol - urine
Methaqualone - Serum	
Methotrexate - Serum	
Methotrexate Bellon®	Methotrexate - Serum
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
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 ketone - urine	
Methyl isobutyl ketone - urine	
Methylbenzene	Toluene - urine
Methylbenzene	Toluene - whole blood
Methylene chloride	Dichloromethane - urine
Methylenetetrahydrofolate reductase - MTHFR gene - c.677C>T mutation - whole blood	

Methylmalonic acid - urines	
Methylphenidate Hydrochloride - Serum	
Metoject®	Methotrexate - Serum
Metoprolol - Serum	
MEVE	Tick-borne encephalitis - TBE - IgG/IgM serology - serum
Mg	Erythrocyte magnesium - whole blood
Mg	Magnesium - serum
Mg	Magnesium - urines
mGluR1 abs CSF	CSF
mGluR5 abs CSF	CSF
MGT30 - anti-antibodies	Anti-titin antibodies - serum
Mi-2 - anti-antibodies	Myosite Markers - serum
Mianserin - Serum	
MIBK	Methyl isobutyl ketone - urine
MIC	Aerobic / anaerobic bacteria - MIC: Minimum Inhibitory Concentration
Microalbumin - urine	
Microdeletions in the Yq11 region, azoospermia factor (AZF)	Y chromosome - (regions AZFs, AZFb, AZFc) - whole blood
Microglobulin - Alpha 1	Alpha-1 Microglobulin - urine
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
Midazolam - Serum	
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	
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 - Serum
Mn	Manganese - urine
Mn	Manganese - whole blood
Moclamine®	Moclobemide - Serum
Moclobemide - Serum	
Modecate®	Fluphenazine - Serum
modigraf	Tacrolimus - FK-506
Moditen®	Fluphenazine - Serum
Mogadon®	Nitrazepam - Serum
Molecular forms of prolactin	Prolactin - molecular forms - serum
Monocytes	Immunophenotyping of malignant hemopaties
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	Measles - direct diagnosis - PCR
Morbillivirus - IgG immunity test	Measles - immunity test - IgG serology - serum
Morphine	Opiates - dosage - plasma
Morphine	Opiates - dosage - urines
Motival®	Amitriptyline - Serum
Moxifloxacin - Serum	
MPA	Mycophenolate - plasma
MPO - anti-antibodies	Anti-MPO antibodies - myeloperoxidase - serum
MRSA	Antibiotic multi-resistant bacteria (MRB) - screening
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,
MTX	Methotrexate - Serum
Muconic acid	Trans-muconic acid - ttMA - urine
Mucopeptide N-acetylmuramylhydrolase	Lysozyme - serum
Mucopolysaccharides - urines	
Multiple sclerosis	Anti-Natalizumab antibodies - serum
Mumps - direct diagnosis - PCR	
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
Mutation of the methylenetetrahydrofolate reductase gene	Methylenetetrahydrofolate reductase - MTHFR gene - c.677C>T mutation - whole blood
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
Myambutol®	Ethambutol - Serum
Myasthenia	Anti-acetylcholine receptor antibodies - serum
Myasthenia	Anti-MuSK antibodies - serum
MYBPC3	Cardiogenetic exome
Mycobacteria - culture	
Mycobacteria - direct examination	
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,
Mycobacterium tuberculosis - identification	
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	Mycoplasma genitalium Search for mutations associated with macrolide resistance
Mycoplasma genitalium - Detection by molecular amplification	
Mycoplasma genitalium Search for mutations associated with macrolide resistance	
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 - Detection by molecular amplification
Mycosis	Fungus - Yeasts - identification
MYD88 mutation	
MYD88 (Waldenström)	MYD88 mutation
Myelin - anti-antibodies	Anti-myelin antibodies - serum
Myelogram - Perls staining	
Myeloperoxidase - anti-antibodies	Anti-MPO antibodies - myeloperoxidase - serum
Myfortic	Mycophenolate - plasma
MYH7	Cardiogenetic exome
Myolastan®	Tetrazepam - Serum
Myosin - anti-antibodies	Anti-striated muscle antibodies - serum
Myosite Markers - serum	
Myositis dot	Myosite Markers - serum
Myositis markers	Myosite Markers - serum
Mysoline®	Primidone - 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
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 - whole blood
NBN	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
NBN	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A,
NC16A - anti-antibodies	Anti-epidermal basement membrane and intracellular substance antibodies Typing
Nebcine®	Tobramycin - serum
Necrotising myositis	Myosite Markers - serum
NEFA	Fatty acids free non-esterified - serum
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
Nesdonal - Serum	
Neuleptil®	Periciazine - Serum
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
Nevirapine	
new index for prostate cancer	[-2]pro-PSA - Phi score calculation - serum
New marker of ovarian cancer	HE4- ROMA 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	NGS "COLORECTAL 1" panel: KRAS, NRAS, BRAF
NGS	NGS "COLORECTAL 2"panel : AKT1, ALK, BRAF, CTNNB1, EGFR, HER2, FBXW7,
NGS	NGS "GIST " panel : KIT, PDGFRA, BRAF
NGS	NGS "LUNG1" panel: AKT1, ALK, BRAF, DDR2, EGFR, HER2, FGFR1, FGFR2,
NGS	NGS "Melanoma" panel: BRAF, NRAS, KIT
NGS	NGS Panel "LUNG 1" : EGFR-BRAF-MET-KRAS
NGS	NGS "PAN ORGANE" panel: AKT1, ALK, BRAF, CTNNB1, DDR2, EGFR, ERBB2,
NGS "COLORECTAL 1" panel: KRAS, NRAS, BRAF	
NGS "COLORECTAL 2"panel : AKT1, ALK, BRAF, CTNNB1, EGFR, HER2, FBXW7,	
NGS "GIST " panel : KIT, PDGFRA, BRAF	
NGS "LUNG1" panel: AKT1, ALK, BRAF, DDR2, EGFR, HER2, FGFR1, FGFR2, FGFR3,	
NGS "Melanoma" panel: BRAF, NRAS, KIT	
NGS "PAN ORGANE" panel: AKT1, ALK, BRAF, CTNNB1, DDR2, EGFR, ERBB2, ERBB4,	
NGS Panel "LUNG 1" : EGFR-BRAF-MET-KRAS	
NH3	Ammonaemia - plasma
Ni	Nickel - biological fluid
Ni	Nickel - Serum
Ni	Nickel - urines
Niaprazine - serum	
Nickel - biological fluid	
Nickel - Serum	
Nickel - urines	
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
Nitrazepam - Serum	
Nivaquine®	Chloroquine - Serum
Nizoral®	Ketoconazole - Serum
NK	Immunophenotyping: Lymphocytes CD56+ / CD16+ - Natural Killer Cells - whole blood
NK cells	Immunophenotyping: Lymphocytes CD56+ / CD16+ - Natural Killer Cells - whole blood
NMO	Anti-neuromyelitis optica antibodies - CSF
NMO - anti-antibodies	Anti-neuromyelitis optica antibodies - serum
Noctamide®	Lormetazepam - Serum
Noctran®	Clorazepate - Serum
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 bioavailability - serum
Nopron®	Niaprazine - serum
Noradrenaline	Catecholamines - free - Urine
Noradrenaline	Free catécholamines
Noradrenaline	Free catécholamines - children - urine
Norclobazam	Clobazam - Serum
Norclomipramine	Clomipramine - Serum
Norclozapine	Clozapine
Nordaz ®	Nordazepam - Serum
Nordazepam - Serum	
Nordiazepam	Diazepam + desmethyldiazepam - Serum
Nordoxepine	Doxepin - 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
Normison®	Temazepam - Serum
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
Novatrex®	Methotrexate - Serum
Novazam®	Diazepam + desmethyldiazepam - Serum
Nozinan®	Levomepromazine - Serum
NSE - Neuron-Specific Enolase - biological fluid	
NSE - Neuron-Specific Enolase - serum	
NT-proBNP - N-Terminal Pro-Brain Natriuretic Peptide - serum	
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
Nutri Check	Juvenalis - NutriCheck
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
o-Cresol - urine	
Oalate content	Oxalic acid - serum
OAU	Organic acids - quantitative - urine
OB protein	Leptin - 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	
Oestradiol man/child - 5 time	
Oestradiol man/child - 6 time	
Oestradiol man/child - 7 time	
Oestrone	Oestrone - serum
Oestrone - serum	
Oflocet®	Ofloxacin - Serum
Ofloxacin - 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	Erythrocyte fatty acids - chromatography - Total EDTA blood
Omega 6	Erythrocyte fatty acids - chromatography - Total EDTA blood
OMIM code : #105830 / #176270	Angelman / Prader-Willi Syndrome - uniparental disomy - mechanism identification -
OMIM code : #105830 / #176270	Angelman / Prader-Willi Syndrome - SNRPN methylation - whole blood
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 - whole blood
OMIM code : *142857 / *604305	Class II HLA - HLA-DQ and HLA-DR genotyping - whole blood
OMIM code : *176930	Factor II - Prothrombin - G20210G>A mutation - whole blood
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 - whole blood
OMIM code : *602421 / #219700	Cystic Fibrosis - CFTR gene - detection of 51 mutations
OMIM code : *602421/#219700	Cystic fibrosis - CFTR gene - detection of 51 mutations - whole blood
OMIM code : *603202/ #223000	lactose primary intolerance - Genetic characterization - whole blood
OMIM code : *607093 / #236250	Methylenetetrahydrofolate reductase - MTHFR gene - c.677C>T mutation - whole blood
OMIM code : *608107 / #249100	Familial Mediterranean fever - MEFV gene - new generation sequencing - whole blood
OMIM code : *612309	Factor V Leiden - p.Arg506Gln mutation - whole blood
OMIM code : #613490 / *107400	Alpha-1 Antitrypsin (SERPINA1 Gene) - Genotyping of S and Z variants (mutations
OMIM code : *613609 / #235200	Haemochromatosis - HFE gene - p.Cys282Tyr mutation - whole blood
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,
oncologt	NGS "COLORECTAL 1" panel: KRAS, NRAS, BRAF
oncology	NGS "COLORECTAL 2"panel : AKT1, ALK, BRAF, CTNNB1, EGFR, HER2, FBXW7,
oncology	NGS "GIST " panel : KIT, PDGFRA, BRAF
oncology	NGS "LUNG1" panel: AKT1, ALK, BRAF, DDR2, EGFR, HER2, FGFR1, FGFR2,
oncology	NGS "Melanoma" panel: BRAF, NRAS, KIT
oncology	NGS Panel "LUNG 1" : EGFR-BRAF-MET-KRAS
oncology	NGS "PAN ORGANE" panel: AKT1, ALK, BRAF, CTNNB1, DDR2, EGFR, ERBB2,
Opiates - dosage - plasma	

Opiates - dosage - urines	
Oral anticoagulants : Fluindione - Serum	
Oral anticoagulants : Rodenticides - Serum	
Oral anticoagulants : Warfarin - Serum	
Orap®	Pimozide - 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
Osmolality	Osmolarity - serum
Osmolality	Osmolarity - urines
Osmolarity - serum	
Osmolarity - urines	
Osmolarity stool	Electrolytes stool - stool
Ospolot®	Sultiame - Serum
Ostase	Alkaline phosphatases bone
Osteocalcin - serum	
Osteomark	NTx - N-telopeptides of type I collagen - urines
Ovaire	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
Ovarian - 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 - anti-antibodies	Anti-oxidised LDL antibodies - IgG and/or IgM - serum
Oxidised LDL - serum	
OxyCheck	Juvenalis - OxyCheck
P	Progesterone - serum
P1NP - Intact N-Terminal Propeptide of Type I Procollagen - 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	
PAI1 - Plasminogen activator inhibitor-1 - plasma	
p.Ala222Val mutation	Methylenetetrahydrofolate reductase - MTHFR gene - c.677C>T mutation - whole blood
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
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,

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 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 Cytokine - IL1 beta, IL2, IL4 and IL6 - serum	
Panel Hereditary breast ovarian cancer and prostate Gènes ciblés: ATM, BRCA1, BRCA2,	
Panel oncogénétique Rétinoblastome Gène ciblé : RB1	
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	
Papillomavirus - screening for genital HPV oncogenes	
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	Measles - direct diagnosis - PCR
Paramyxovirus	Mumps - direct diagnosis - PCR
Paramyxovirus	Parainfluenzae 1, 2, 3 - IgG serology - serum
Paraprotein	Immunobinding - serum
Parasitological examination of stools	Parasitology - microscopy - Stools
Parasitology - microscopy - Stools	
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	
Parvovirus B19 - direct diagnosis - PCR	
Parvovirus B19 - IgG/IgM serology - serum	
Parvovirus B19 - immunity test - serum	
PAT	Acid phosphatases total - serum
Paucialbumin	Microalbumin - urine
Paxil®	Paroxetine - serum
Pb	Lead
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	Phencyclidine - Serum
PCP - screening	Phencyclidine - screening - urine
PCR - proviral DNA - HTLV-I/II virus	HTLV I/II Qualitative PCR - 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 Typing
pemphigus	Anti-epidermal basement membrane and intracellular substance antibodies Typing
Pemphigus	Anti-epidermal basement membrane and intracellular substance antibodies - serum
Penthotal	Nesdonal - Serum
Peptide of type III procollagen	Type III procollagen - serum
Peptides from bone collagen degradation	CrossLaps
Peptides from bone collagen degradation	CrossLaps - urines
Peptides from NTx collagen degradation	NTx - N-telopeptides of type I collagen - urines
Perampanel - Serum - PERAMPANEL	
Perchloroethylene	Tetrachloroethylene - urine
Perchloroethylene	Tetrachloroethylene - whole blood
Perfluoorhexanesulfonic acid (PFHxS)	PerFluoroAlkylSubstances (PFAS) - Serum
PerFluoroAlkylSubstances (PFAS) - Serum	
Perfluorobutanesulfonic acid (PFBS)	PerFluoroAlkylSubstances (PFAS) - Serum
Perfluorodecanoic acid (PFDA)	PerFluoroAlkylSubstances (PFAS) - Serum
Perfluoroheptanenoic acid (PFHpA)	PerFluoroAlkylSubstances (PFAS) - Serum
Perfluorohexanoic acid (PFHxA)	PerFluoroAlkylSubstances (PFAS) - Serum
Perfluorononanoic acid (PFNA)	PerFluoroAlkylSubstances (PFAS) - Serum
Perfluorooctanesulfonic acid (PFOS) linear	PerFluoroAlkylSubstances (PFAS) - Serum
Perfluorooctanesulfonic acid (PFOS) Total (linear and connected)	PerFluoroAlkylSubstances (PFAS) - Serum
Perfluorooctanoic acid (PFOA)	PerFluoroAlkylSubstances (PFAS) - Serum
Perfluoroundecanoic acid (PFUDA)	PerFluoroAlkylSubstances (PFAS) - Serum
Periciazine - Serum	
Periodic disease - FMF	Familial Mediterranean fever - MEFV gene - new generation sequencing - whole blood
Persantine®	Dipyridamole - Serum
Pertussis - serology	
Pesticides - screening and/or dosage	
Pesticides - screening and/or dosage - urine	
PF4 - heparin - anti-antibodies	Anti-PF4 antibodies - heparin - plasma
p.Glu264Val mutation and p.Glu342Lys mutation	Alpha-1 Antitrypsin (SERPINA1 Gene) - Genotyping of S and Z variants (mutations
Phadiatop	Specific IgE : inhalant allergen testing - Phadiatop®
Phemphigoïde bulleuse	Anti-epidermal basement membrane and intracellular substance antibodies - serum
Phencyclidine - screening - urine	
Phencyclidine - Serum	
Phenergan®	Promethazine - serum
Phenobarbital - serum	
Phenobarbitone levels in blood	Phenobarbital - serum
Phenol - urine	
Phenothiazine®	Cyamemazine - Serum
Phenothiazines - aspiration biopsy	
Phenothiazines - Serum	
Phenotype (C, c, E, e, Kell)	Rhesus Kell
Phenotyping	Immunophenotyping: Lymphocytes B - CD19 - whole blood
Phenotyping	Immunophenotyping: Lymphocytes CD3-CD4-CD8 - whole blood
Phenotyping	Immunophenotyping: Lymphocytes CD56+ / CD16+ - Natural Killer Cells - whole blood
Phenotyping	Immunophenotyping: Lymphocytes NK/CD57 - 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
Phosphatidylethanolamine - anti-IgG antibodies	Anti-phosphatidylethanolamine antibodies - IgG - serum
Phosphatidylethanolamine - anti-IgM antibodies	Anti-phosphatidylethanolamine antibodies - IgM - serum
Phosphaturia	Phosphorus - urine
Phosphorus - serum	
Phosphorus - tubular reabsorption rate	
Phosphorus - urine	
Phosphorylated tau protein	TAU - PTAU - Amyloid proteins - CSF
Phylloquinone	Vitamin K1 - Phylloquinone
Phytomenadione	Vitamin K1 - Phylloquinone
Pi - Protease inhibitor	Alpha-1 Antitrypsin - dosage - serum
Pi - Protease inhibitor - genotyping	Alpha-1 Antitrypsin (SERPINA1 Gene) - Genotyping of S and Z variants (mutations
PIGF	Pre-eclampsia - risk estimation - serum
PIII-P	Type III procollagen - serum
Pimozide - Serum	
Pipamperone - Serum	
Piperacillin - Serum	
Piportil®	Pipothiazine - serum
Pipothiazine - serum	
Pirilene®	Pyrazinamide - 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
PL12 - anti-antibodies	Myosite Markers - serum
PL7 - anti-antibodies	Myosite Markers - serum
PLA	Lipoprotein Lp-PLA2 - serum
Plaquenil®	Hydroxychloroquine - whole blood
Plasminogen - plasma	
Plasminogen activity	Plasminogen - plasma
Plasmocyte immunophenotyping	Immunophenotyping of malignant hemopaties
Plasmodium falciparum - serology	Malaria - serology - serum
Platelet Coombs	Anti-platelet antibodies bound or free - screening and identification
Platelet typing - whole blood	
Platelet VASP	VASP - VAsodilatator Stimulated Phosphoprotein - whole blood
plathelminthes et nemaltheminthes	Parasitology - microscopy - Stools
Platinum	Cisplatin - serum
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	Pneumocystis jirovecii - Quantitative PCR / fungal load
Pneumocystis carinii	Pneumocystis jirovecii - Quantitative PCR / fungal load
Pneumocystis jirovecii - Quantitative PCR / fungal load	
Pneumogeine®	Theophylline - serum
Pneumotropic viruses - adenovirus	Adenovirus - IgG serology - serum
Pneumotropic viruses - adenovirus	Adenovirus - screening - Stools
Pneumotropic viruses - flu - 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	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
Polymyositis	Myosite Markers - serum
Polyomavirus BK - gene amplification	Polyomavirus BK - viral load
Polyomavirus BK - molecular diagnosis	Polyomavirus BK - viral load
Polyomavirus BK - viral load	
Polyomavirus JC	Polyomavirus JC - direct diagnosis - PCR
Polyomavirus JC - direct diagnosis - PCR	
Ponatinib - Plasma	
Ponderal Assay of Immune Globulin	IgA/G/M - Immunoglobulins A/G/M - serum
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 channels - anti-antibodies	Anti-potassium channel antibodies / Lgi1 Caspr2 - serum
PP	Pancreatic polypeptide - Serum
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	
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
Primidone - serum	
PRIST	Total IgE - serum
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
Prograf®	Tacrolimus - FK-506
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	hcG dimeric molecule (alpha + beta) - serum
Promethazine - serum	
Propafenone - Serum	
Propanol®	Isopropyl alcohol - 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 Health Index	[-2]pro-PSA - Phi score calculation - serum
Protease inhibitor	Alpha-1 Antitrypsin - dosage - serum
Protein 14.3.3 - CSF	
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 - serum	
Protein electrophoresis - urine	
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 and Immunobinding - serum
Proteinogram	Protein electrophoresis - serum
Proteinogram	Protein electrophoresis - urine
Proteins - biological fluid	
Proteins - dosage - serum	
Proteins - dosage - urine	
Proteins - electrophoresis	Protein electrophoresis and Immunobinding - serum
Proteins - electrophoresis	Protein electrophoresis - serum
Proteins - electrophoresis	Protein electrophoresis - urine
Proteins - urine	Protein electrophoresis - urine
Proteinuria	Proteins - dosage - urine
Prothiaden®	Dosulepin - Serum
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 - whole blood
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 - Enzymatic activity - 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	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 - whole blood
pteroyl-monoglutamic acid	Folic acid - serum
pteroylglutamic acid	Erythrocyte folic acid - whole blood
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
Pulmonary	Oncogenetic panel Lung Target genes : ATM, BAP1, BRCA1, BRCA2, CDKN2A,
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	
Pyrazinamide - Serum	
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	
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
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	
Quinidine - Serum	
QUINIMAX	Quinine - Serum
Quinine - Serum	
Quitaxon®	Doxepin - Serum
R. mooseri	Rickettsioses - R. conorii, R. typhi - serology - serum
R506Q mutation	Factor V Leiden - p.Arg506Gln mutation - whole blood
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,

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
RB1	Panel oncogénétique Rétinoblastome Gène ciblé : RB1
RBP	Retinol-Binding Protein - RBP
REC relative exchangeable copper	Copper - exchangeable / free
rectal	Oncogenetic panel digestive tract Targeted genes: APC, BMPR1A, CDH1, EPCAM,
REDOX	Juvenalis - OxyCheck
Reducing sugars	Sugars - screening - stool
réinterprétation d'exome	
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 active	
Renin Active - lying	
Renin active- standing	
Renin activity	Renin active
Renin-angiotensin system activity	Renin active
Renome	Nephrology exome
Repaglinide	Sulphonylureas - serum
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	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
RET	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
Retine	Panel oncogénétique Rétinoblastome Gène ciblé : RB1
Rétinoblastome	Panel oncogénétique Rétinoblastome Gène ciblé : RB1
Retinol	Vitamin A - Retinol - Plasma
Retinol-Binding Protein - RBP	
Retrovir®	Zidovudine - plasma
Reverse T3	rT3 - Reverse triiodothyronine
Reverse transcriptase - Gene sequencing	HIV - Human Immunodeficiency Virus - genotyping (reverse transcriptase and protease
Reverse triiodothyronine	rT3 - Reverse triiodothyronine
Reyataz®	Atazanavir - Serum
RF	Rheumatoid factors - IgA - serum
RF	Rheumatoid factors - serum
RH3 Genotyping	Fetal RH3(E) - genotyping
RH3 Genotyping	Fetal RHc - genotyping
RHD	Rhesus D - foetal genotype
Rhesus D	blood grouping - genotyping - whole blood
Rhesus D	Rhesus D - foetal genotype
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 prowazekii	Rickettsioses - R. conorii, R. typhi - serology - serum
Rickettsie	Rickettsioses - R. conorii, R. typhi - serology - serum
Rickettsioses - R. conorii, R. typhi - serology - serum	
Rifabutin - Serum	
Rifadine®	Rifampicin - serum
Rifampicin - serum	
Rifater®	Pyrazinamide - Serum
R/IL-2	Interleukin (IL)-2 - receptor
Rilpivirine	
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 - whole blood
Rituximab - serum	
Rituzena®	Rituximab - serum
Rivaroxaban - Anti Xa activity measurement - plasma	
Rivotril®	Clonazepam - Serum
Rixathon®	Rituximab - serum
Riximyo®	Rituximab - serum
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
rocky mountain fever	Rickettsioses - R. conorii, R. typhi - serology - serum
Rohypnol®	Flunitrazepam - serum
ROMA	HE4- ROMA calculation - serum
ROMA algorithm	HE4- ROMA calculation - serum
ROMA index	HE4- ROMA calculation - serum
ROMA Index	HE4- ROMA calculation - serum
Ropivacaine®	Naropeine - serum
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 - serum
Roseola	Herpes virus type 6 (HHV6) - IgM serology - serum
Rosner index	Circulating anticoagulant - screening - plasma
Rotavirus - rapid screening - Stools	
Rotavirus A	Gastrointestinal Panel - direct diagnosis - PCR - Stools
Rougeole	Measles - direct diagnosis - PCR
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
rT3 - Reverse triiodothyronine	

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	
Rythmodan®	Disopyramide - serum
Rythmol®	Propafenone - 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 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
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 - 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	
Schwachmann - test	Chymotrypsin
Schwannoma	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
SCN-	Thiocyanates - ion - Serum
SCN-	Thiocyanates - ion - urine
SCN5A	Cardiogenetic 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
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
Sectral®	Acebutolol - serum
Selectivity index	Protein electrophoresis - urine
Selenium	
Selenium - urine	
Seloken®	Metoprolol - Serum
Seoul	Hantavirus - IgG/IgM serology - serum
SEQONE	Exome with interpretation interface
SEQUENCING	Prenatal exome
Sequencing of the coding gene for the envelope protein gp120	HIV - Human Immunodeficiency Virus - Genotyping (fusion inhibitor): anti viral
Serecor®	Hydroquinidine - Serum
Seresta®	Oxazepam - Serum
Seroplex	Escitalopram - serum
Serotonin - whole blood	
Serotonin metabolite	5-HIAA - 5-hydroxyindoleacetic acid - Urine
Sertraline - serum	
Serum	
Serum markers for Trisomy 21	Trisomy 21 - 1st trimester combined screening - serum
Serum markers for Trisomy 21	Trisomy 21 - maternal serum markers - 2 parameters - serum
Serum markers for Trisomy 21	Trisomy 21 - maternal serum markers - 3 parameters - serum
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
Serum screening for Trisomy 21 risk	Trisomy 21 - maternal serum markers - 2 parameters - serum
Serum screening for Trisomy 21 risk	Trisomy 21 - maternal serum markers - 3 parameters - serum
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
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
Sinequan®	Doxepin - 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 - anti-antibodies	Anti-epidermal basement membrane and intracellular substance antibodies - serum
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,
Sleeping sickness - screening for parasite	Trypanosoma gambiense - screening - CSF
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 - urine
snp	Constitutional Molecular Karyotype-SNP ARRAY - whole blood
SNP	Constitutional Molecular Karyotype-SNP ARRAY
SNP	Constitutional Molecular Karyotype - SNP ARRAY - Product of conception
SNP -array	Constitutional Molecular Karyotype - SNP ARRAY - Product of conception
SNP array	Constitutional Molecular Karyotype-SNP ARRAY
SNV	Cardiogenetic 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,
SOD	Superoxide dismutase - SOD
Sodium valproate	Valproic acid - serum
Solian®	Amisulpride - Serum
solid tumor	NGS "COLORECTAL 1" panel: KRAS, NRAS, BRAF
solid tumor	NGS "COLORECTAL 2"panel : AKT1, ALK, BRAF, CTNNB1, EGFR, HER2, FBXW7,
solid tumor	NGS "GIST " panel : KIT, PDGFRA, BRAF
solid tumor	NGS "LUNG1" panel: AKT1, ALK, BRAF, DDR2, EGFR, HER2, FGFR1, FGFR2,
solid tumor	NGS "Melanoma" panel: BRAF, NRAS, KIT
solid tumor	NGS "PAN ORGANE" panel: AKT1, ALK, BRAF, CTNNB1, DDR2, EGFR, ERBB2,
Solid tumor	NGS Panel "LUNG 1" : EGFR-BRAF-MET-KRAS

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
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
Sotalex®	Sotalol - serum
Sotalol - serum	
South American trypanosomiasis	Trypanosoma cruzi - serology - serum
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 : Phadia - inhalant allergens - single allergen
Specific IgE - Respiratory and food allergen screen -Phadiatop® infant	
Specific IgE (CAP-RAST) - inhalant allergens - single allergen	Specific IgE : Phadia - inhalant allergens - single allergen
Specific IgE medicines - single allergen-Phadia	
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
Spironolactone	Diuretics - screening and dosage - urine
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 -
SSA	Anti-ENA antibodies (SSA, SSB, Sm, Rnp, Jo1, Scl-70) - screening and titration - Serum
Stablon®	Tianeptine - serum
Stallertest	Specific IgE : inhalant allergen testing - Phadiatop®
Stavudine - plasma	
Steatorrhoea - fat dosage - stool	
SteatoTest	FibroMAX - . - serum
SteatoTest 2®.	NASH-FibroTest - serum
Stelara®	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 - Study of amniotic fluid - Amniotic fluid	
Steroids panel - Testing for a disorder in steroid biosynthesis	
STH	GH - Growth hormone - serum
Stilnox®	Zolpidem - Serum
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
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
Stribild®	Cobicistat - plasma
Stribild®	Elvitegravir - Serum
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 death	Cardiogenetic 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 - urine
Sulphonylureas - serum	
Sulphonylureas - urine	
Sulpiride - Serum	
Sultiame - Serum	
Sultopride - Serum	
Superoxide dismutase - SOD	
Surmontil®	Trimipramine - Serum
Surquina®	Quinidine - Serum
Susceptibility testing - MIC	Helicobacter pylori - culture
Sustiva®	Efavirenz
Syndrome Upshaw-Schulman	Factor Willebrand protease activity - ADAMTS 13
Synedil®	Sulpiride - Serum
Syphilis	Genital ulcérations panel - direct diagnosis - PCR
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 - whole blood
T21 - serum markers	Trisomy 21 - 1st trimester combined screening - serum
T21 - serum markers	Trisomy 21 - maternal serum markers - 2 parameters - serum
T21 - serum markers	Trisomy 21 - maternal serum markers - 3 parameters - serum
T21 MSM	Trisomy 21 - 1st trimester combined screening - serum
T21 MSM	Trisomy 21 - maternal serum markers - 2 parameters - serum
T21 MSM	Trisomy 21 - maternal serum markers - 3 parameters - serum
t-PA	Tissue plasminogen activator - tPA - antigen - plasma
T3, T4, T8	Immunophenotyping: Lymphocytes CD3-CD4-CD8 - 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
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
Taloxa®	Felbamate - Serum
Targeted Sequencing - Postnatal	
Targeted Sequencing - Prenatal	
targeted therapy	NGS "COLORECTAL 1" panel: KRAS, NRAS, BRAF
targeted therapy	NGS "COLORECTAL 2"panel : AKT1, ALK, BRAF, CTNNB1, EGFR, HER2, FBXW7,
targeted therapy	NGS "GIST " panel : KIT, PDGFRA, BRAF
targeted therapy	NGS "LUNG1" panel: AKT1, ALK, BRAF, DDR2, EGFR, HER2, FGFR1, FGFR2,

targeted therapy	NGS "Melanoma" panel: BRAF, NRAS, KIT
targeted therapy	NGS "PAN ORGANE" panel: AKT1, ALK, BRAF, CTNNB1, DDR2, EGFR, ERBB2,
Targeted therapy	NGS Panel "LUNG 1" : EGFR-BRAF-MET-KRAS
Targocid®	Teicoplanine par immunoturbidimétrie (Thermo Scientific) - Sérum
TAU - PTAU - Amyloid proteins - CSF	
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 - serum
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 - whole blood
TeBG	Sex-Binding Globulin - SHBG
Tegretol®	Carbamazepine - serum
Teicoplanine par immunoturbidimétrie (Thermo Scientific) - Sérum	
Telzir®	Amprenavir - Serum
Telzir®	Fosamprenavir - Serum
Temazepam - Serum	
Temgesic®	Buprenorphine and metabolites - urine
Temgesic®	Buprenorphine - Serum
Tenofovir - plasma	
Teralithe	Lithium par spectrophométrie - serum
Teralithe - erythrocytes	Erythrocyte lithium - whole blood
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	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
TERT	Skin oncogenetic panel Gènes ciblés : ACD, BAP1, CDK4, CDKN2A, FLCN, MC1R,
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 bioavailability - serum	
Testosterone Bioavailable - woman/ child - serum	
Testosterone free - Serum	
Testosterone oestradiol-binding globulin	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 - urine	
Tetrachloroethylene - whole blood	
Tetrachloromethane - whole blood	
Tetrahydrocannabinol	Cannabis - hair
Tétrahydrocannabinol	Cannabidoïdes - dosage - plasma
Tetraiodothyronine	T4 - Thyroxine - urine
Tétralogie de Fallot	Exome Congenital heart defects
Tetrazepam - Serum	
Tg	Thyroglobulin
TH50a	50% haemolysis time - alternative pathway complement - serum
Thalassemia	Haemoglobin - electrophoresis - whole blood
Thalassemia	

THC	Cannabidoïdes - dosage - plasma
THC-COOH	Cannabidoïdes - dosage - plasma
THC-COOH	Cannabidoïdes - dosage - urines
Theophylline - serum	
Theralene®	Alimemazine - Serum
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	
Thiopental®	Nesdonal - Serum
Thiopurine S-methyltransferase - genotyping - whole blood	
Thiopurine S-méthyltransférase phenotyping	Thiopurine S-Méthyltransférase(TPMT) - activity
Thiopurine S-Méthyltransférase(TPMT) - activity	
Thioridazine - Serum	
Thrombin clotting time - plasma	
Thrombocystin	Serotonin - whole blood
Thrombotonin	Serotonin - whole blood
Thyrocalcitonin	Calcitonin - aspiration biopsy
Thyrocalcitonin	Calcitonin - serum
Thyroglobulin	
Thyroglobulin - anti-antibodies	Anti-thyroglobulin antibodies
Thyroid microsomal - anti-antibodies	Anti-thyroid peroxidase antibodies
Thyroid peroxidase - anti-antibodies	Anti-thyroid peroxidase antibodies
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 - serum	
Tiapridal®	Tiapride - Serum
Tiapride - Serum	
TIBC	Iron - total binding capacity - 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 encephalitis - TBE - IgG/IgM serology - serum	
TIF	Myosite Markers - serum
TIF 1	Myosite Markers - serum
Tildiem®	Diltiazem - serum
Tissue plasminogen activator - tPA - antigen - plasma	
Tissue Polypeptide Antigen	TPA - Tissue Polypeptide Antigen
Titanium	
Titin - anti-antibodies	Anti-titin antibodies - serum
TIVICAY	Dolutegravir - Serum
TMAM127	Neuroendocrine Oncogenetics Panel Target genes : DLST, DNMT3A, EGLN1, EGLN2,
TMC114	Darunavir - Serum
TMC125	Etravirine
TMEM127	Extended oncogenetic panel sein, ovaire, prostate, tube digestif, pancréas, rein, neuro-
TMEM127	Renal oncogenetic panel Gènes ciblés: BAP1, BRK1, CDKN2B, FH, FLNC, HNF1B,
TNF-alpha - Tumour Necrosis Factor - serum	
[To be translated]	ABO system immune antibodies - anti-A anti-B - screening and titration
[To be translated]	Alkaline phosphatases - fluid
[To be translated]	Alkaline phosphatases - isoenzymes - serum
[To be translated]	Alpha-1 Antitrypsin - PI phenotype - serum
[To be translated]	Alpha-2 Antiplasmin - activity - plasma

[To be translated]	Amylose héréditaire à transthyrétine - Etude moléculaire du gène TTR par séquençage
[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]	Antibiotic multi-resistant bacteria (MRB) - screening
[To be translated]	Anti deamidated gliadin peptides antibodies IgA - IgA - serum
[To be translated]	Anti deamidated gliadin peptides antibodies IgA - IgG - serum
[To be translated]	Anti-epidermal basement membrane and intracellular substance antibodies Typing
[To be translated]	Anti-glomerular basement membrane antibody - serum
[To be translated]	Anti-neuron antibodies - CSF
[To be translated]	Anti-neuron antibodies - serum
[To be translated]	Anti-NMDA receptor antibodies - serum
[To be translated]	Anti-ovarian antibodies - serum
[To be translated]	anti-PLA2R antibodies - serum
[To be translated]	Anti-PR3 antibodies - proteinase 3 - serum
[To be translated]	Anti ZNT8 antibodies - serum
[To be translated]	Aspergillosis - confirmation serology - serum
[To be translated]	Beta-D-Glucan antigen - screening
[To be translated]	Bile acids - serum
[To be translated]	Boron - urine
[To be translated]	Class I HLA - HLA-A and HLA-B genotyping - whole blood
[To be translated]	Cryoglobulins - identification - Serum
[To be translated]	Cystic fibrosis - CFTR gene - detection of 51 mutations - whole blood
[To be translated]	Dabigatran - Measurement of the Dabigatran anti Iia activity - plasma
[To be translated]	DHT - Dihydrotestosterone - serum
[To be translated]	Electrolytes stool - stool
[To be translated]	Erythrocyte magnesium - whole blood
[To be translated]	Extended phenotype
[To be translated]	Factor I - Fibrinogen - activity - plasma
[To be translated]	Fungus - Yeasts - MIC: Minimum Inhibitory Concentration
[To be translated]	Fungus - Yeasts - screening
[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]	Hepatitis C - Anti-viral resistance profile - serum
[To be translated]	hereditary spherocytosis - screening (eosin-5'-maleimide (EMA) staining)
[To be translated]	HIV - Human Immunodeficiency Virus - viral load - CSF
[To be translated]	Immunophenotyping of malignant hemopaties
[To be translated]	Influenza A and B - IgG serology - serum
[To be translated]	Isoelectric focussing - CSF + serum
[To be translated]	Markers in progressive systemic sclerosis(Scleroderma) - serum
[To be translated]	Melatonin - urines
[To be translated]	Methylmalonic acid - urines
[To be translated]	Myelogram - Perls staining
[To be translated]	Norovirus - direct diagnosis - PCR - Stools
[To be translated]	Norovirus - screening - Stools
[To be translated]	Oxidised LDL - serum
[To be translated]	Pertussis - serology
[To be translated]	Platelet typing - whole blood
[To be translated]	Rheumatoid factors - serum
[To be translated]	Rickettsioses - R. conorii, R. typhi - serology - serum
[To be translated]	Rotavirus - rapid screening - Stools
[To be translated]	Rubella - Western blot - serum
[To be translated]	Salmonellosis - serology - serum
[To be translated]	scabies - screening
[To be translated]	Serum
[To be translated]	Sex-Binding Globulin - SHBG

[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]	Thiopurine S-methyltransferase - genotyping - whole blood
[To be translated]	Tick-borne encephalitis - TBE - IgG/IgM serology - serum
[To be translated]	tyrosine kinase ABL mutation
[To be translated]	Uric acid
[To be translated]	Vedolizumab - serum
[To be translated]	Yeasts - antifungal susceptibility testing - various specimen
[To be translated]	
Tobacco test	Cotinine - urine
Tobi®	Tobramycin - serum
Tobradax®	Tobramycin - serum
Tobramycin - serum	
Tobrex®	Tobramycin - serum
Tocilizumab - serum	
Tocopherol	Vitamin E - Tocopherol - Plasma
Tofranil®	Imipramine - Serum
Tolbutamide	Sulphonylureas - serum
Tolbutamide	Sulphonylureas - urine
Tolexine®	Doxycycline - Serum
Toluene - urine	
Toluene - whole blood	
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 - 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 - 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 human chorionic gonadotropin - bound and unbound fractions	hcG dimeric molecule (alpha + beta) - 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 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	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
TPMT	Thiopurine S-methyltransferase - genotyping - whole blood
TPMT	Thiopurine S-Méthyltransférase(TPMT) - activity
TPO - anti-antibodies	Anti-thyroid peroxidase antibodies
TRAB	Anti-TSH receptor antibodies - serum
TRAK	Anti-TSH receptor antibodies - serum
Tramadol - Serum	
Trans,trans-muconic acid	Trans-muconic acid - ttMA - urine
Trans-Chlordane	Pesticides - screening and/or dosage
Trans-Chlordane	Pesticides - screening and/or dosage - urine
Trans-muconic acid - ttMA - urine	
Transcortin	CBG - Cortisol-Binding Globulin - Transcortin - serum
Transferrin - serum	
Transferrin saturation percentage	Iron - saturation percentage - serum
Transposition of the Large Vessels	Exome Congenital heart defects
Transthyretin	Prealbumin - serum
Tranxene®	Clorazepate - Serum
Trazodone - Serum	
Trazolan®	Trazodone - 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	
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
Trichloromethane - whole blood	
Tricyclic antidepressants	Antidepressants - screening - identification - dosage - urine

Tricyclic antidepressants	Antidepressants screening- identification - without dosage - Serum
Triflucan®	Fluconazole - Serum
Trihexyphenidyl - 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
Trimipramine - Serum	
Trisomy 21 - 1st trimester combined screening - serum	
Trisomy 21 - maternal serum markers - 2 parameters - serum	
Trisomy 21 - maternal serum markers - 3 parameters - serum	
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 - serum
Trypanosoma	Trypanosoma gambiense - serology - CSF
Trypanosoma	Trypanosoma gambiense - serology - serum
Trypanosoma cruzi - confirmation - serum	
Trypanosoma cruzi - serology - serum	
Trypanosoma gambiense - screening - CSF	
Trypanosoma gambiense - serology - CSF	
Trypanosoma gambiense - serology - serum	
Trypanosomiasis - serology	Trypanosoma cruzi - serology - serum
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 - serum
TSI	Anti-TSH receptor antibodies - serum
TSI : THYROIDE STIMULATIN IMMUNOGLOBULIN	Anti-TSH receptor antibodies - serum
TT	Thrombin clotting time - plasma
tt-MA	Trans-muconic acid - ttMA - urine
TTCA	2-thio-thiazolidine-4-carboxylic-acid - urine
TTG - IgA - anti-antibodies	Human tissue transglutaminase antibody - IgA - serum
tTG - IgG - anti-antibodies	Human tissue transglutaminase antibody - IgG - serum
TTN	Cardiogenetic exome
TTR	Prealbumin - serum
Tuberculosis - culture	Mycobacteria - culture
Tuberculosis - direct exam	Mycobacteria - direct examination
Tuberculosis - identification	Mycobacterium tuberculosis - 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 - serum
TWAR	Chlamydia pneumoniae - IgG/IgM serology - serum
Type II collagen - anti-antibodies	Anti-type II collagen antibodies - serum
Type III procollagen - serum	
Typhoid - serology	Salmonellosis - serology - serum
Typing of the Lymphoproliferative Disorders	Immunophenotyping of malignant hemopaties
tyrosine kinase ABL mutation	
Tyrosine phosphatase - anti-antibodies	Anti-tyrosine phosphatase antibodies - IA-2 - serum
Tysabri®	Anti-Natalizumab antibodies - serum
Ubiquinone	Coenzyme Q10 - CoQ10 - Serum
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 urealyticum	urogenital (ureaplasma urealyticum) mycoplasma (mycoplasma hominis) - serology -
Uric acid	
Uric acid - serum	
Uricacidemia	Uric acid - serum
Uricaciduria	Uric acid
urinary parasite	Schistosomiasis - direct diagnosis - PCR
Urinary stone - morphologic and infrared analysis	
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 - serum	
V Leiden mutation	Factor V Leiden - p.Arg506Gln mutation - whole blood
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
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
Vascular Endothelial Growth Factor (VEGF) - serum	
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 - titration - CSF
VDRL	Syphilis - VDRL or quantitative RPR
Vedolizumab - serum	
Veggie Check	Juvenalis - Panel - VeggieCheck
Veneral Diseases Research Laboratory	Syphilis - VDRL or quantitative RPR
Venlafaxine - serum	
Verapamil - Serum	
Veratran®	Clotiazepam - serum
Vesicular eruptions panel - direct diagnosis - PCR	
VFEND	Voriconazole - Serum
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
Victrelis®	Bocepevir - plasma
Vigabatrin - Serum	
VIH	HIV - Human Immunodeficiency Virus - viral load - CSF
VIH 1	HIV - Human Immunodeficiency Virus - viral load - CSF
VIII R (related)-Ag	Von Willebrand factor - plasma
Viloxazine - Serum	
VIP - Vasoactive Intestinal Polypeptide - plasma	
viral meningoencephalitis panel - direct diagnosis - PCR	
Viramune®	Nevirapine
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 C - Ascorbic acid	
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
Vivalan®	Viloxazine - Serum
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
Whipple - disease	Tropheryma whipplei - direct diagnosis - PCR
Whipple's disease	Tropheryma whipplei - direct diagnosis - PCR
WHOLE EXOME SEQUENCING	Prenatal exome
Whooping cough	Respiratory Infection Panel - direct diagnosis - PCR
Whooping cough - Bordetella pertussis and parapertussis - direct diagnosis - PCR	
Widal-Felix - test	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,
Xanax®	Alprazolam - Serum
Xarelto®	Rivaroxaban - Anti Xa activity measurement - plasma
Xepion	Risperidone
Xeroquel	Quetiapine
Xipamide	Diuretics - screening and dosage - urine
Xylocaine®	Lidocaine - Serum
Xylose - serum	
Y chromosome - (regions AZFs, AZFb, AZFc) - whole blood	
Yeasts - antifungal susceptibility testing - various specimen	
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
Zarontin®	Ethosuximide - serum
Zeaxanthin	Carotenoids
Zebinix	10-Hydroxy-carbazepine - serum
Zerit®	Stavudine - plasma
Ziagen®	Abacavir - plasma
Zidovudine - plasma	
Zinc	
Zinc - seminal plasma	
Zinc - urines	
Zincaemia	Zinc
Zn	Zinc
Zn	Zinc - seminal plasma
Zn	Zinc - urines
Zoloft®	Sertraline - serum
Zolpidem - Serum	
Zonagran	Zonisamide - Serum
Zonisamide - Serum	
Zovirax®	Aciclovir - plasma
Zuclopenthixol - Serum	
Zyprexa®	Olanzapine

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