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.

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# 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,
- **DermaCheck** is a basic dermatological health check, designed to support the assurance of beautiful skin,
- **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,
- **NutriCheck** has been specifically designed for patients who are concerned about nutrition and weight control,
- **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,**
- 40 **relevant analyses in preventive biology.**

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

## CONTACT Eurofins Biomnis IRELAND & UK

### Sales Department Ireland

T. +353 1 295 85 45 – F. +353 1 295 85 50
sales@biomnis.ie

### Sales Department UK

Mob. +44 7801 599 161
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Skype: adrian_appleby

## 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
1 mL serum T4 ° 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 *

3mL Plasma EDTA + Aprotinine - not hemolyzed ° 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 ° Chemiluminescence

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 - 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 ° Electrochemiluminescence

ALWAYS attach the clinical and ultrasound information
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.

## AMH - Anti-Müllerian hormone - Child

AMHE *

1mL serum ° Refrigerated

2 days ° Electrochemiluminescence

Only for children under 15 years of age
Not to to be performed on haemolysed sample
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.

## 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) 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 - 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 — AANX *

2mL Serum - 007 ° 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 ° CMIA chemiluminescence

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.

## 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 ° 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)

## 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

.

## Borreliosis - IgM confirmation serology - serum

WBLYM *

1mL Serum ° Refrigerated

2 days ° Immunoblot

.
On specific request

## BRAF Gene - isolated

MYSBR

[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

## BRAF Gene - Screening for V600E mutation on exon 15

BRAF

Paraffin-embedded tumor block or paraffin slides ° Ambient temperature

## 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

6 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

2mL 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

## 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) 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 ° Chemiluminescence

## 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 ° Chemiluminescence

## C-peptide - serum

CPEP *

1mL Serum ° FROZEN

1 day ° Electrochemiluminescence

Fasting 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.

## C-peptide - Urines

CPEPU *

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

1 day ° Electrochemiluminescence

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 ° Enzymatic activity

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 - Bone marrow

CXCR4 *

Bone marrow ° 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 *

1mL 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

## DHEA - Dehydroepiandrosterone - serum — DHA *

1mL Serum ° 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 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

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

## 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) ° FROZEN

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 - whole blood — GALSG *

1mL EDTA whole blood ° Ambient temperature

3 weeks °

## 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
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

## 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

4 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.
.

## 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 total stool EDTA ° 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.
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.
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.
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.
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 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 ° Electrochemiluminescence

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 ° Electrochemiluminescence

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 ° Electrochemiluminescence

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 ° Electrochemiluminescence

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 ° Electrochemiluminescence

It is essential to settle the serum without delay
Serum not hemolysed

## Insulin - serum

INS *

1mL Non haemolysed serum ° FROZEN before sending

1 day ° Electrochemiluminescence

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
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.

## 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 refrigerated serum;
2 x 2mL frozen serum;
1 mL frozen citrated plasma °

3 weeks °

Do not use tubes with phase separator
Fasting sample
[To be translated]
[To be translated]
[To be translated]
[To be translated]

## Juvenalis - AgeCheck - woman

AAFEM *

5 mL refrigerated serum;
2 x 2mL frozen serum;
1 mL frozen citrated plasma °

3 weeks °

Do not use tubes with phase separator
Fasting sample
[To be translated]
[To be translated]
[To be translated]
[To be translated]

## Juvenalis - BasicCheck

BASIC *

3 mL refrigerated EDTA whole blood /
2 x 4 mL refrigerated serum /
1 mL frozen serum < 4h /
2 mL frozen serum < 4h /
1 mL : frozen serum (protect from direct light) < 1h30 /
1 mL frozen citrated plasma <1h / °

3 weeks °

Do not use tubes with phase separator
Fasting sample
[To be translated]
[To be translated]
[To be translated]
[To be translated]

## Juvenalis- Béta-defensine 2 - stool

BDEFJ *

20g Stool sample ° Refrigerated

8 days ° ELISA

## Juvenalis - calprotectin

CALPJ *

[Indéfinie] stools sample ° Refrigerated

2 days ° Enzyme-immunoassay

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

## Juvenalis - DAO - activity - serum

DAOJ

1mL Non haemolysed serum ° FROZEN

2 weeks ° Enzyme-immunoassay

## 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 Elastase - stool

ELASJ *

20g Stool sample ° Refrigerated

7 days ° Enzyme-immunoassay

Use : small pot
Liquid stools are accepted but the dilution may result in underestimation of elastase levels.

## Juvenalis - Histamin - plasma — HISTJ

1mL Non haemolysed EDTA plasma ° FROZEN

1 week ° Radioimmunolassay or 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)

## Juvenalis - IgA - immunoglobulines A - stool — IGASJ *

20g Stool sample ° Refrigerated

8 days ° ELISA

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

## Juvenalis - IgG - gluten - serum — F79GJ

1mL Serum ° Refrigerated

1 week ° Fluorescent enzyme-immunoassay

## Juvénalis - IgG - white egg - serum — F1GJ

1mL Serum ° Refrigerated

1 week ° Fluorescent enzyme-immunoassay

## Juvenalis - Lipoproteine Lp-LPA2 - serum — LPPLJ

1mL Serum ° FROZEN

15 days ° Chemiluminescence

One maximum freeze/thaw cycle

## 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 refrigerated serum;
2 x 1 ml refrigerated serum;
2 x 2 ml frozen serum;
1 ml frozen citrated °

3 weeks °

Do not use tubes with phase separator
Fasting sample
[To be translated]
[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 heparinized plasma: refrigerated /
1 ml serum: frozen (<4h)/
1 ml serum: refrigerated (<4h)/
2 ml heparinised plasma: frozen (<1.5 hours) /
1 pellet lithium heparin : frozen (< 1 hours) / °

5 weeks °

Do not use tubes with phase separator
Fasting sample
[To be translated]
[To be translated]
[To be translated]
[To be translated]

## Juvenalis - Panel - FertiCheck - man

FERTH *

3 mL refrigerated EDTA whole blood;
4 mL refrigerated serum;
2 mL frozen serum (protect from direct light) < 90 mn;
2 mL frozen serum ;
1 mL frozen citrated plasma °

4 weeks °

Do not use tubes with phase separator
Fasting sample
[To be translated]
[To be translated]
[To be translated]
[To be translated]

## Juvenalis - Panel - FertiCheck - woman

FERTF *

2 x 3 mL EDTA whole blood;
2 x 3 mL refrigerated serum;
2 mL frozen serum (protect from direct light) < 90 mn;
2 mL frozen serum ;
1 mL frozen citrated plasma °

4 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 EDTA whole blood;
4 mL refrigerated serum;
1 mL frozen serum (protect from direct light) < 90 mn;
1 mL frozen citrated plasma < 1h;
4 mL refrigerated urine °

4 weeks °

Do not use tubes with phase separator
Fasting sample
[To be translated]
[To be translated]
[To be translated]
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[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]
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## Juvenalis - Zonuline - stool

ZONUJ *

20g Stool sample ° Refrigerated

8 days ° ELISA

## 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 °

## 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) — MYSMD

2mL 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) JAK2/CALR/MPL/CSF3R/SETBP1/ SRSF2/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 ° Search for mutations on a panel of targeted genes by high-throughput sequencing technique: Preparation of the

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

1 day for respiratory, CSF, biopsy, stool samples. 2 days for urine samples ° 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

1 to 5 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 *

5 ml EDTA whole blood or bone marrow ° 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 — MYELO

6 Unfixed and unstained bone marrow slides ° Ambient temperature

2 days ° Cytology

Use the specific request form B8-INTGB: Malignant blood disorders
Always attached the last FBC and platelets levels results as well as the patient¿s clinical details (clinical symptoms and reason for test prescription)
According to the standard staining results, supplementary staining procedures may be performed: PERLS and CYTOCHEMISTRY.

S9L: Envelopes yellow for karyotypes LYON

## 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 ° Refrigerated

1 day ° ECLIA

## 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 - CSF

NEOPL *

1mL CSF ° FROZEN

3 weeks ° Radioimmunoassay

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

## 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

## Neutralizing anti Interferon BETA antibodies - Serum — INFBA *

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

1 month ° Quantification was performed using neutralising antibody chemiluminescence expressed in TRU/ml (ten-fold

Attach the clinical data

## 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 "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 "MPN - DP (Diagnosis/Pronostic)"

**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

## Nutritol - IgG food panel - 25 foods - serum — PAG25

3mL Serum ° Refrigerated

3 weeks ° ELISA

## Nutritol - IgG food panel 287 foods - serum — PA287

200µL Serum ° Refrigerated

3 weeks ° EIA

## Nutritol - IgG food panel - 50 foods - serum — PAG50

3mL Serum ° Refrigerated

3 weeks ° ELISA

## Nutritol - IgG food panel - 50 foods VEGAN - serum — PA50V

3mL Serum ° Refrigerated

21 days ° ELISA

## 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

2 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.
Special tube (EDTA + Aprotonin) supplied upon request.
Centrifuge at +4°C and FREEZE the plasma immediately.

T2 : EDTA + aprotinine tube

## 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 T0
1 mL Plasma 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 — RUBWB *

1mL . ° 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

2 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 within one hour

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 - Hycor - food allergens - single allergen — CTH

1mL Serum ° Refrigerated

7 days °

Specify the allergens

## 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 allergens - single allergen — CPH

1mL Serum ° Refrigerated

7 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 - Hycor — IGEMH

2mL Serum ° Refrigerated

7 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 ° Refrigerated

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

## 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 ° 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.

## 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.

## 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

1 individual aliquot for this analysis.
Store samples protected from light but do not pack the tube.

## 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 |
| CPH | Specific IgE - inhalant allergens - single allergen |
| CT | Specific IgE : Phadia - food allergens - single allergen |
| CTH | Specific IgE - Hycor - 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 |
| IGEMH | Specific IgE medicines - single allergen - Hycor |
| 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 |
| 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 |

## Analytical Chemistry

| | |
|---|---|
| AARGU | Arginosuccinic acid - urine |
| AAS | Amino acids - chromatography |
| 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 |

## Analytical Chemistry

| | |
|---|---|
| BISMU | Bismuth - urine |
| BISO | Bisoprolol - serum |
| 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 |

## Analytical Chemistry

| | |
|---|---|
| CLORA | Clorazepate - Serum |
| CLOXA | Cloxacillin - Serum |
| 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 |

## Analytical Chemistry

| | |
|---|---|
| FLUNI | Flunitrazepam - serum |
| FLUO | Fluorine - Serum |
| 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 |

## Analytical Chemistry

| | |
|---|---|
| LACT | Lactic acid |
| LAMIV | Lamivudine - plasma |
| 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 |
| 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 |

## Analytical Chemistry

| | |
|---|---|
| PROPU | Dextropropoxyphene - urine |
| PTEUX | Pterins - urines |
| 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 |

## Analytical Chemistry

| | |
|---|---|
| TITAN | Titanium |
| TITAU | Titanium - urine |
| 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 |

## Biochemistry

| | |
|---|---|
| 5NUC | 5'-Nucleotidase - activity - serum |
| 7DCHO | 7-Dehydrocholesterol |
| 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 |

## Biochemistry

| | |
|---|---|
| CA199 | CA 19-9 antigen - serum |
| CA50 | CA 50 antigen - serum |
| CA724 | CA 72-4 antigen - serum |
| CAIO | Ionised calcium |
| CALCD | Calcitonin - aspiration biopsy |
| CALCI | Calcitonin - serum |
| 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 - serum |
| DHA4T | DHEA - Dehydroepiandrosterone |
| DHT | DHT - Dihydrotestosterone - serum |
| DLACX | D-lactate - urines |
| DOC | 11-Deoxycorticosterone - serum |
| DOC2 | 11-Deoxycorticosterone |

## Biochemistry

| | |
|---|---|
| DOC3 | 11-Deoxycorticosterone |
| DOC4 | 11-Deoxycorticosterone |
| 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 |
| GALBX | Galactose-1-Phosphate Uridyl transferase - blotting paper |
| GALE | UDP galactose epimerase - whole blood |
| GALK1 | Galctokinase - whole blood |
| GALSG | Galactose - 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 |

## Biochemistry

| | |
|---|---|
| GH2T | GH - Growth hormone |
| GH3T | GH - Growth hormone |
| GH4T | GH - Growth hormone |
| GH5T | GH - Growth hormone |
| GH6T | GH - Growth hormone |
| GH7T | GH - Growth hormone 7 time |
| GH8T | GH - Growth hormone 8 time |
| GH9T | GH - Growth hormone 9 time |
| GHREL | Ghrelin - acylated and non acylated - plasma |
| GHRH | GHRH - Growth-Hormone-Releasing-Hormone - plasma |
| GLUC | Glucagon - plasma |
| GLUPS | Glutathione peroxidase - plasma |
| GLY2 | Glucose |
| GLY3 | Glucose |
| GLY4 | Glucose |
| GLY5 | Glucose |
| GLY6 | Glucose |
| GLY7 | Glucose 7 time |
| GLYCG | Glycogen |
| GLYD | Glucose - biological fluid |
| GRAS | Fatty acids free non-esterified - serum |
| 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 |
| 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 |

## Biochemistry

| | |
|---|---|
| LPA | Lipoprotein Lp(a) - serum |
| 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 - CSF |
| 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 |
| 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 - Screening for V600E mutation on exon 15 |
| 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 - Bone marrow |
| 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 |
| LMMCP | LMMC Search transcrit fusion PDFGRB-TEL by RQ-PCR - whole blood |
| 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 |
| MYD88 | MYD88 mutation |
| MYS53 | TP53 gene - isolated |
| MYSBR | BRAF Gene - isolated |
| MYSD2 | MPN-Diagnosis 2 NGS panel(Myeloproliferative neoplasms ) : JAK2/CALR/MPL/CSF3R/SETBP1/SRSF2 |
| MYSDG | MPN-Diagnosis-(DG) NGS panel(Myeloproliferative neoplasms) JAK2/CALR/MPL/CSF3R/SETBP1/SRSF2/SF3B1 |

## Genetics

| | |
|---|---|
| MYSDP | NGS panel "MPN - DP (Diagnosis/Pronostic)" |
| MYSKT | CKIT gene - isolated |
| MYSLA | "AML" panel (Acute myeloid leukaemia) |
| MYSMD | MDS- NGS panel (Myelodysplastic syndrome) |
| MYSMO | CMML NGS panel (Chronic Myelomonocytic Leukemia) |
| 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 |
| 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 |
| 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 |

## Haematology

| | |
|---|---|
| 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 |
| 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 |
| 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 |

## Immunology

| | |
|---|---|
| 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 |
| 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 |

## Immunology

| | |
|---|---|
| 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 |
| INFBA | Neutralizing anti Interferon BETA antibodies - Serum |
| 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 |
| 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 |

## Immunology

| | |
|---|---|
| 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 |
| 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 |

## Infectious

| | |
|---|---|
| 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 |
| 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 |

## Infectious

| | |
|---|---|
| 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 |
| 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 |

## Infectious

| | |
|---|---|
| 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 |
| 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 |
| 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 |

## Infectious

| | |
|---|---|
| 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 |
| MYELO | Myelogram |
| 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 |
| BDEFJ | Juvenalis- Béta-defensine 2 - stool |
| CALPJ | Juvenalis - calprotectin |
| DAOJ | Juvenalis - DAO - activity - serum |
| DERMA | Juvenalis - DermaCheck |
| DIGES | Juvenalis - DigestCheck |

## preventive biology

| | |
|---|---|
| ELASJ | Juvenalis Elastase - stool |
| F1GJ | Juvénalis - IgG - white egg - serum |
| F79GJ | Juvenalis - IgG - gluten - serum |
| FERTF | Juvenalis - Panel - FertiCheck - woman |
| FERTH | Juvenalis - Panel - FertiCheck - man |
| HISTJ | Juvenalis - Histamin - plasma |
| IGASJ | Juvenalis - IgA - immunoglobulines A - stool |
| JBIOT | Juvenalis - Microbiote intestinal - Stools |
| LPPLJ | Juvenalis - Lipoproteine Lp-LPA2 - serum |
| MINER | Juvenalis - mineral panel |
| MINI | Juvenalis - MiniCheck |
| NUTRI | Juvenalis - NutriCheck |
| OXYC | Juvenalis - OxyCheck |
| VEGAN | Juvenalis - Panel - VeggieCheck |
| VITAM | Juvenalis - vitamins panel |
| ZONUJ | Juvenalis - Zonuline - stool |

## 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 |

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|---|---|
| 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 - 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 - inhalant allergens - single allergen |
| 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 - Hycor |
| 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 |

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|---|---|
| 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 | |

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|---|---|
| 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 beta interferon antibodies | Neutralizing anti Interferon BETA 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 |

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| 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 |

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|---|---|
| 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 |

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| 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 |

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| 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 | |

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| 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 |

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| 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 | |

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|---|---|
| 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 |

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| Avonex | Neutralizing anti Interferon BETA antibodies - 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 interferon - neutralizing antibody | Neutralizing anti Interferon BETA antibodies - Serum |
| 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 |

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| 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 | |

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| 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 |

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| 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 | |

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|---|---|
| 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 | |

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|---|---|
| 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 |

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|---|---|
| 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 |

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| 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 | |
| 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, |

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| 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 | |

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| Constitutional Molecular Karyotype-SNP ARRAY - whole blood | |
| CONSTITUTIONAL ONCOGENETICS | Oncogenetic exome |
| Conventional acquired cytogenetics | Blood karyotype |
| Copper | |
| 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 |

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| 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 | 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 |

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| 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 |
| 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 - serum |
| 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 |

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| 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 - serum |
| DHA sulfate | DHEAS - Dehydroepiandrosterone sulfate |
| DHAS | DHEAS - Dehydroepiandrosterone sulfate |
| DHEA - Dehydroepiandrosterone - serum | |
| 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 | Juvenalis - 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) |

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| 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 |

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| 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 | |

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| 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 |

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| 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 - serum |
| 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 |

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| 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 |
| 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 | |

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| 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 |
| 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 |

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|---|---|
| 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 | |

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| 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 |

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| 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 |

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| 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 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 | |

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| 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 |

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| 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 |

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| 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 | |

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| 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 |

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| 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 | |
| Histamine intolerance | Juvenalis - DAO - activity - serum |
| 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 |

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| 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 |

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| 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 b- neutralizing antibody | Neutralizing anti Interferon BETA antibodies - 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 - Hycor |
| 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 | |

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| 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 | |
| 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-beta - neutralizing antibody | Neutralizing anti Interferon BETA antibodies - Serum |
| INF-gamma | Interferon gamma - CSF |
| INF-gamma | Interferon gamma - serum |

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| 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 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 28B (IL28B polymorphisme C/T rs 12979860) - genotyping - whole blood | |
| Interleukin (IL)-10 - . | |
| Interleukin (IL)-10 - serum | |

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| 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 | Panel Cytokine - IL1 beta, IL2, IL4 and IL6 - 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 - DAO - activity - serum | |
| Juvenalis - DermaCheck | |
| Juvenalis - DigestCheck | |
| Juvenalis - Lipoproteine Lp-LPA2 - serum | |
| Juvenalis - NutriCheck | |
| Juvenalis - OxyCheck | |
| Juvenalis - Panel - FertiCheck - man | |
| Juvenalis - Panel - FertiCheck - woman | |
| Juvenalis - Panel - VeggieCheck | |

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| 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 |

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|---|---|
| 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 |

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| Lipoprotein Lp-PLA2 - serum | |
| Lipoprotein Lp(a) - serum | |
| Lipoprotein phospho-lipase A2 | Juvenalis - Lipoproteine Lp-LPA2 - serum |
| Lipoprotein phospho-lipase A2 | Lipoprotein Lp-PLA2 - serum |
| Lipoprotein-associated phospholipase A2 | Juvenalis - Lipoproteine Lp-LPA2 - 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 |

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| 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 |

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| 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, |

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| 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 | |

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| 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 |

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| 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 | Myelogram |
| Myelogram | |
| 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 |

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| 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 |
| Neutralizing anti Interferon BETA antibodies - 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 |

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| 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 |

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| 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 |

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| 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 | |

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| 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 | |

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| 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 |

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| 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 | |

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| 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 |
| PLA-test | Juvenalis - Lipoproteine Lp-LPA2 - 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 |

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| 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 | |

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| 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 |

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| 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, |

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| 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 |
| 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 |

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| 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 |

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| 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 | |
| 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 |

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| 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 |

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| 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 |

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| 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 |

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| 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 - inhalant allergens - single allergen |
| Specific IgE - inhalant - single allergen | Specific IgE : Phadia - inhalant allergens - single allergen |
| Specific IgE - inhalant allergens - single allergen | |
| Specific IgE - Respiratory and food allergen screen -Phadiatop® infant | |
| Specific IgE (CAP-RAST) - inhalant allergens - single allergen | Specific IgE - inhalant allergens - single allergen |
| Specific IgE (CAP-RAST) - inhalant allergens - single allergen | Specific IgE : Phadia - inhalant allergens - single allergen |
| Specific IgE medicines - single allergen - Hycor | |
| Specific IgE medicines - single allergen-Phadia | |
| Specific IgE (RAST) - single allergen | Specific IgE - inhalant allergens - single allergen |
| 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 | |

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| 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 |

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| 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 | |

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| 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 |

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|---|---|
| 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 - 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 |

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|---|---|
| [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] | 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 |
| [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 |

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|---|---|
| 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 |

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| 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 |

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| 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 |

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| 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 |

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| 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 |

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| 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 | |

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| Zyprexa® | Olanzapine |

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