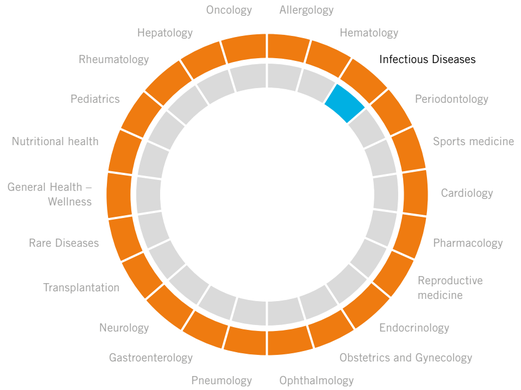
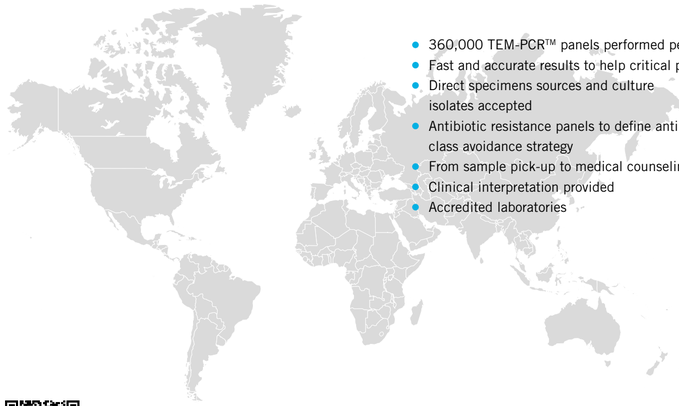
The most complete service at the highest quality standards

Eurofins stands for a conception of clinical diagnostics entirely focused on excellence, innovation and technological investment. With tens of thousands of clinical diagnostic tests performed every day, we strive to ensure that every patient, wherever he or she lives, is assured access to the most specialized and most innovative techniques for diagnosis, monitoring and therapeutic adjustment. Eurofins clinical diagnostics offers testing services in all medical specialties, from routine testing to esoteric testing including genetic testing.



The commitment of our laboratories: with our logistics expertise and our daily sample collection and delivery network, we guarantee perfect continuity in the provision of care, and the same quality and access to innovation across all the regions that we serve. It is our mission to offer the most innovative tests to the wider population at a cost that is affordable for society.

Infectious Diseases by Eurofins Clinical Diagnostics



- 360,000 TEM-PCR™ panels performed per year
- Fast and accurate results to help critical patients
- Direct specimens sources and culture isolates accepted
- Antibiotic resistance panels to define antibiotic class avoidance strategy
- From sample pick-up to medical counseling
- Clinical interpretation provided
- Accredited laboratories

Find Eurofins Clinical Diagnostics in your country!

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For more information on Eurofins Clinical Diagnostics Services please contact us!

Eurofins GSC LUX
Val Fleuri 23
1526 Luxembourg
Phone: +352 26 18 53 20
Fax: +352 26 18 53 31
CDx@eurofins.com

Stay in touch by following us on social media.
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Infectious Diseases

Innovating today
for the health of tomorrow

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Speed and accuracy for acute care

At Eurofins Clinical Diagnostics we have a broad experience in infectious diseases diagnosis using classical methods, i.e. culture-based and immunoassays, but also newer innovative molecular methods.

Diagnosis
Fast and accurate diagnosis is key in critical care settings and for immuno-compromised patients. At Eurofins we have developed Target Enriched Multiplex PCR (TEM-PCR™) proprietary technology to improve patient outcomes thanks to fast turnaround, higher sensitivity and higher specificity. The method offers simplicity due to single-sample collection and identifies difficult to culture pathogens. Different specimens are possible with this technology and no bacterial isolation is required.

Co-detection
We can identify viral and bacterial pathogens from a single specimen using TEM-PCR™ proprietary technology. Co-detection allows physicians to administer appropriate treatment, i.e. antibiotic or antiviral therapy. This evidence-based approach translates into improved quality and cost effectiveness of patient care.

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Personalized treatment

Antibiotic resistance is a well-known problem that is due to previous overuse and misuse of antibiotics to treat infections. Rapid detection of antibiotic resistance mechanisms provides useful information to physicians that will lead to better outcomes and lower healthcare costs.

Antibiotic resistance and response
Genotypic testing at Eurofins permits the identification of individual antibiotic resistance and response. Detection of a gene resistant target can provide useful information to guide the appropriate course of action to successfully treat the infection. Genotypic characterization of Antimicrobial resistance (AMR) is based on seventeen genes associated with resistance to beta-lactams, quinolones and macrolides. Depending on the results, an optimal therapy for the patient will be recommended.

How antiviral drugs and antibiotics are metabolized by an individual patient can also be tested with Eurofins pharmacogenetics testing. Based on the results of the tests, physicians can stratify patients and administer the correct dosage depending on the patient's drug metabolism profile.

Eurofins Clinical Diagnostics fast and accurate

2. PATHOGEN CO-DETECTION
Fast identification of viral and bacterial pathogens from a single specimen using TEM-PCR™ proprietary technology

1. DIAGNOSIS
Detection of different pathogens using immunoassay, culture or molecular methods

Respiratory infections, Sexually Transmitted Diseases (STDs), women's health and infertility related infections, urinary tract, gastrointestinal infections, heart infections, necrosis, skin and soft tissue infections, opportunistic and emerging infections *

3. ANTIBIOTIC RESISTANCE
Antibiotic resistance panel for detection of seventeen gene types associated with resistance to three major groups of antibiotics:
- Beta-lactams (carbapenems, cephalosporins, monobactams)
- Quinolones
- Macrolides

4. TREATMENT RECOMMENDATION
Pharmacogenetics testing to understand drug metabolism (e.g. antibiotics and antivirals) and propose a dosage recommendation accordingly

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* Non-exhaustive