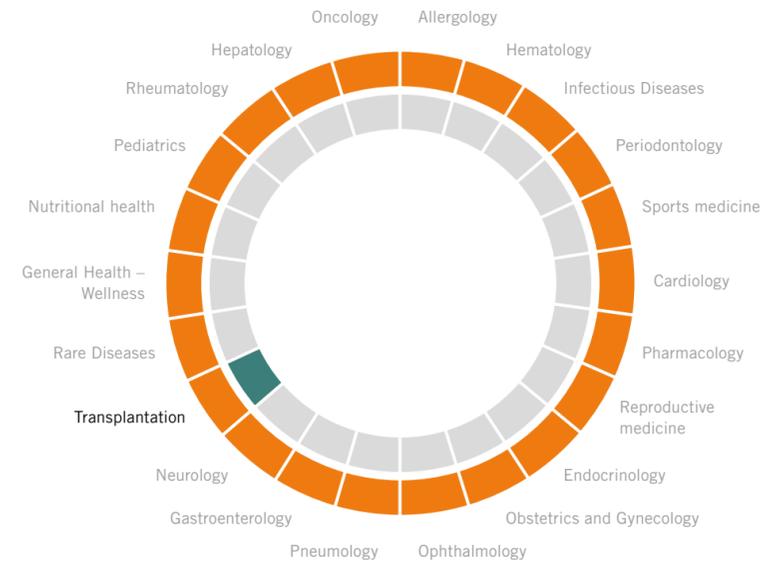


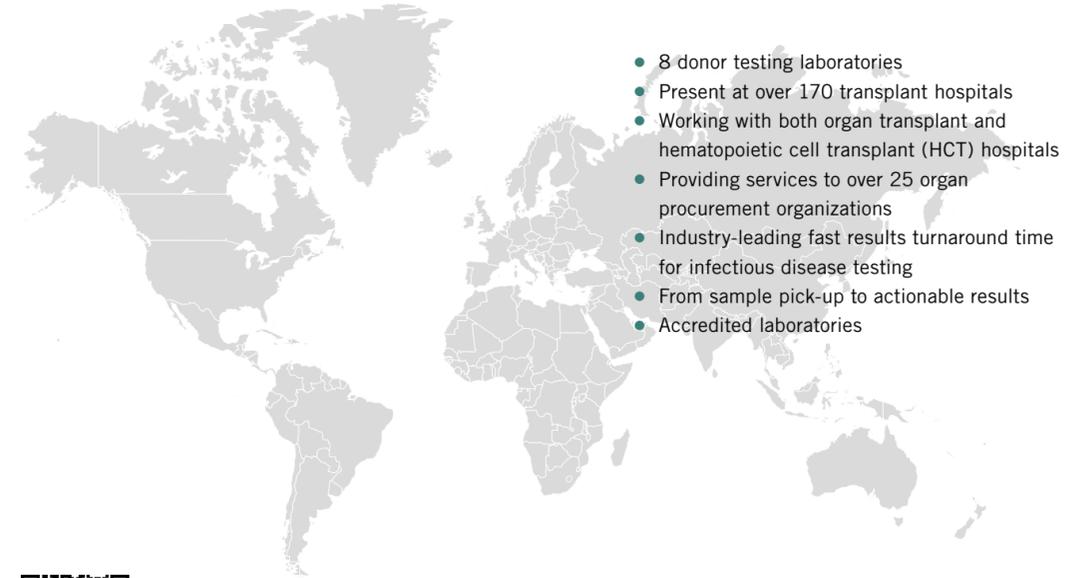
The most complete service at the highest quality standards

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.

Transplantation by Eurofins Clinical Diagnostics



- 8 donor testing laboratories
- Present at over 170 transplant hospitals
- Working with both organ transplant and hematopoietic cell transplant (HCT) hospitals
- Providing services to over 25 organ procurement organizations
- Industry-leading fast results turnaround time for infectious disease testing
- From sample pick-up to actionable results
- Accredited laboratories



Find Eurofins Clinical Diagnostics in your country!



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

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Transplantation

Innovating today
 for the health of tomorrow

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Preparing for a successful transplant

Eurofins Clinical Diagnostics provides comprehensive laboratory services to meet the unique testing needs of the transplant community. Exceptional turnaround times are critical for both organ and hematopoietic cell transplants and Eurofins labs are equipped with multiple and redundant systems to ensure timely delivery of results. Our labs serve organ procurement organizations, tissue, eye and stem cell banks, and the reproductive medicine community.

Donor screening

We perform infectious disease testing by serological and nucleic acid methodologies. Analyzed pathogens depend on the tissue or cells tested and country guidelines. Apart from HIV and Hepatitis testing that are routinely performed in all donors, additional screening may include EBV, Chagas, Strongyloides, Toxoplasmosis, T-lymphotropic virus and Cytomegalovirus (CMV). Reproductive donors must always be tested for Chlamydia trachomatis and Neisseria gonorrhoea.

HLA testing

Human Leukocyte Antigen (HLA) testing is used to successfully match organ transplant recipients with compatible donors. Matching of the donor antigens in the recipient improves long-term graft survival and lowers rejection rates as well as incidents of infection due to decreased use of immunosuppression.

Microbiology testing

Microbiology testing is used to assess the overall microbial cleanliness of the manufacturing environment and process. To satisfy regulatory agency requirements, cultures of the human cellular and tissue product (HCT/P) are taken prior to the process, during the process and at final release of the product. All that is intended to reduce and eliminate microorganisms that would compromise the recipient of the transplanted product. We also offer consultative services to processors to ensure that the appropriate testing methodology is used.



Fighting rejection and infection

It is well known that after a transplant, the recipient's immune system fights against the organ because it recognizes it as foreign. At Eurofins Clinical Diagnostics we are committed to partnering with transplant professionals to fight against rejection and infection through specialized testing and fast results, because we know that accelerated clinically meaningful results are critical to transplant patient outcomes.

Rejection testing

Lymphocytes and antibodies are responsible for acute and chronic rejection causing inflammation and organ damage. Patients are given immunosuppressant treatment to manage rejection. To avoid treating all patients the same way, Eurofins has developed non-invasive tests to measure patient's immune function and rejection status, allowing personalized treatment decisions.

Infectious disease testing

Immunocompromised transplant patients are particularly susceptible to several opportunistic infectious diseases. At Eurofins we offer accurate fast testing for important pathogens as CMV, BKV, HHV-6, EBV and Adenovirus among many others.

Treatment optimization

To minimize critical infections, immunosuppressant dosage has to be adapted to each patient depending on their immune status. Eurofins helps physicians assess their patient's immune status by providing testing that can aid in treatment decisions and modifications. Our proprietary ImmuKnow® assay detects cell-mediated immunity in immunosuppressed patients. We also offer a CMV T Cell Immunity panel, anti-fungal drug monitoring and CMV antiviral resistance testing.

Eurofins Clinical Diagnostics fast results when it matters most

1. DONOR SCREENING

Providing pathogen screening with fast results to support geographic donor screening protocols and requirements

- HIV, type 1 & 2
- HVB
- HVC
- EBV
- Chagas
- Strongyloides
- Toxoplasmosis
- Treponema pallidum
- Human T-lymphotropic virus I & II
- CMV
- Chlamydia trachomatis
- Neisseria gonorrhoea

2. HLA TESTING

To match transplant recipients with compatible donors

- Typing
- Cross matching
- Antibody screening

3. MICROBIOLOGY TESTING

To assure quality of procurement, in-processing, and final sterility

- Environmental monitoring
- Bioburden
- Method suitability
- Product sterility
- Microbial limits
- Bacterial / fungal / yeast identification

4. REJECTION TESTING

- Donor derived cell-free DNA
- Inflammatory response: IL-1 β , IL-2/6/10/17, IFN γ , pro-inflammatory cytokines, sIL-2R, TNF- α
- Immune response: T Cell immunity panels and NK Cell function (innate immunity)

5. INFECTIOUS DISEASE TESTING

- Highest quality, specialized testing for the most critical pathogens with fast results. Molecular assays designed to reduce false negatives and under-quantification
- Long list of pathogens available including critical ones as CMV, BKV, HHV-6, EBV and Adenovirus

6. TREATMENT OPTIMIZATION

- CMV antiviral resistance (letermovir, ganciclovir, foscarnet, cidofovir)
- Immunosuppressant dosage (tacrolimus, everolimus, sirolimus, cyclosporine)
- Anti-fungal drug monitoring (isavuconazole, itraconazole, posaconazole, voriconazole)

