

Cell & Gene Therapy Clinical Development Testing

End-to-end analytical solutions supporting confident clinical advancement

Eurofins Clinical Trial Solutions provides comprehensive analytical and bioanalytical support to accelerate cell and gene therapy programs from early development through late-phase clinical trials. Our multidisciplinary scientific expertise, advanced technology platforms, and globally integrated laboratory network deliver high-quality, decision-ready data aligned with complex regulatory expectations.

Driving Better, Faster Clinical Outcomes



Multidisciplinary Scientific Expertise

Specialists in molecular biology, immunology, genomics, bioinformatics, and cell therapy design assays tailored to each therapy's biology, mechanism of action, and clinical objectives.



Comprehensive Multi-Platform Analytical Capabilities

A broad suite of technologies ensures the right method for every analytical question, including:

- qPCR and digital PCR
- Next-generation sequencing (NGS)
- RNA sequencing and NanoString
- Spectral and conventional flow cytometry
- ELISpot
- MSD and Luminex multiplex platforms
- ELISA and immunoassays
- Specialized infectious disease molecular testing

Our platform-agnostic approach aligns methods with scientific goals and regulatory expectations.



Fit-for-Purpose Assay Development and Validation

Assay qualification and validation strategies are customized for exploratory, preclinical, and fully regulated clinical studies, ensuring analytical rigor, sensitivity, and global compliance.



Integrated Bioinformatics & Data Interpretation

Our Bioinformatics Center of Excellence delivers advanced analysis across NGS, metagenomics, transcriptomics, structural biology, and flow cytometry—providing high-resolution insights into therapeutic performance, immune activation, and patient response.

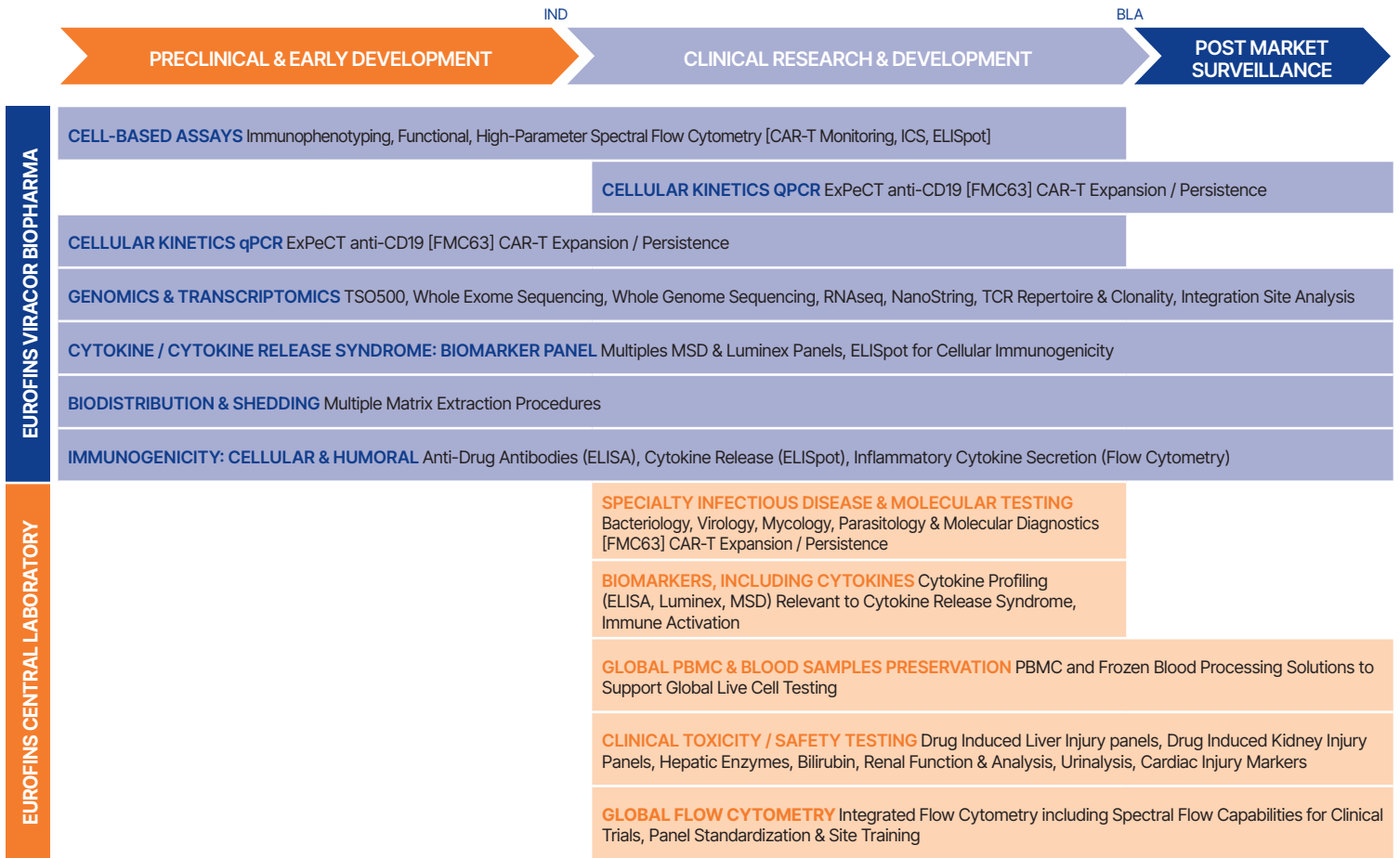


Global Laboratory Support for Streamlined Clinical Execution

Coordinated services include central laboratory support, global sample processing, PBMC and frozen blood preservation, and multi-site flow cytometry standardization. This ensures operational consistency and reliable data quality across geographically dispersed trials.



Cell Therapy Assays



Expertise across multiple specimen types, including PBMC, whole blood, bone marrow, serum, urine, saliva, and nasal swabs



Partner with Eurofins Clinical Trial Solutions

Advance your cell and gene therapy program with comprehensive analytical testing, specialized scientific expertise, and globally integrated laboratory support engineered to drive clinical success.

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