



# SAMPLE PREPARATION SERVICES



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- Whole blood fractionation
- Aliquoting services
- PBMC isolation and cryopreservation
- DNA, RNA nucleic acid extraction
  - Nucleic acid extraction from whole blood, PBMC, fresh or flash frozen tumor tissue, FFPE and other sample types
  - Redundant QIAcube platforms for backup and maintenance of throughput
- High throughput microfluidic spectrophotometric analysis of nucleic acid extracts for yield, concentration and purity

## BIOREPOSITORY CAPABILITIES

- 5,000-square-foot biorepository in new, 42,000-square-foot facility
- ~2 million sample capacity
- 4°C biomedical refrigerators
- -20°C biomedical laboratory freezers
- -80°C ultralow freezers
- -190°C liquid nitrogen vapor phase storage
- Aliquot-specific computerized tracking system
- 24-hour computerized temperature monitoring with alerts
- Full redundant backup
- Dry fire suppression in the biorepository that utilizes FM-200 (HFC-227)

Let us focus on your sample preparation needs, so you can focus on research.

*Sample preparation solutions are fundamental to precision medicine. With the expanding focus on translational research and emphasis on personalized medicine, there is a growing requirement for well-annotated, highly characterized biospecimens.*

LabConnect's expertise in sample management and risk mitigation and our flexible storage temperature platforms ensure maintenance of sample integrity for the entire sample life cycle. Our ability to extract biomolecules such as DNA and RNA supports genomics research in the development of targeted therapies while the isolation of cellular components such as PBMCs facilitates research in areas such as cancer immunotherapy and biomarker discovery. LabConnect is ready to support your research protocols with on-site sample preparation capabilities and laboratory space specifically equipped for handling and preparing samples for short-term or long-term storage and future discovery analytics.

## ABOUT LABCONNECT

Founded in 2002, LabConnect provides global central laboratory services including routine and esoteric laboratory testing, kit building, sample management, biorepository and scientific support services for biopharmaceutical and CRO clients. LabConnect's unique combination of state-of-the-art technology, world-class laboratories, easy access to emerging markets and extensive specialized testing expertise means the drug development industry can rely on a single provider for all of their central laboratory service needs.

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Central Lab Services



Specialized Testing



Biorepository



Scientific Operations



SampleGISTICS™



BioVisualization



Clinical Kits

The world's local central lab. Global reach. Local expertise.

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