

# Celerion: Your Partner for High-Quality PBMC Processing & Clinical Site Training



## Unlock the Full Potential of Your Clinical Trials with Celerion's Comprehensive PBMC Services

At Celerion, we understand that the success of your clinical trials hinges on the quality of your samples. From the moment of collection through to analysis, every step in the process matters. Our specialized PBMC processing services, paired with expert clinical site training, ensure that your samples maintain the highest standards of integrity and viability.

### Why Choose Celerion for PBMC Processing?

#### 1. Quality & Consistency

- **Guaranteed Integrity:** Our robust and standardized Standard Operating Procedures (SOPs) ensure that your samples are processed consistently, maintaining the highest levels of quality across every study.
- **High Viability Rates:** With optimized PBMC isolation techniques, we routinely achieve over 98% cell viability, providing you with reliable and reproducible specimen for any downstream analysis.

#### 2. Expertise You Can Trust

- **Specialized Team:** Our scientists have extensive experience in PBMC isolation and cryopreservation, ensuring expert handling of your samples.
- **Custom Solutions:** We offer flexibility to meet your unique needs, isolating PBMCs from any tube type and volume.

#### 3. Time-Critical Processing

- **Fast Processing Start:** We understand that time is of the essence. Our processes ensure that samples are collected, processed, and preserved within hours of collection, maintaining optimal PBMC quality.

## Enhance Your Clinical Trials with Tailored Site Training

### Sample Quality Starts at Collection

The quality of your trial's outcomes begins with how samples are handled at the clinical site. Celerion offers personalized training for clinical site staff, focusing on the critical early steps of sample collection, preparation, and shipment. Our hands-on training ensures that your samples are collected and processed to the highest standards from the start.

- **Customized Training Programs:** Tailored to your specific study requirements and developed in collaboration with the sponsor.
- **On-Site Expertise:** Our experienced scientists provide practical, hands-on training at your clinical sites, ensuring that staff are fully equipped to manage samples correctly.
- **Comprehensive Support:** We ensure your site is prepared for success, from writing laboratory manuals and SOPs to supplying and installing necessary equipment.

## Expanding Your Capabilities Across Multiple Sites

We also offer the capability to set up additional clinical sites for PBMC isolation. This includes the supply of equipment, creation of SOPs, hands-on training, and continued oversight, ensuring consistency and quality across all locations involved in your study.

## Start Your Partnership with Celerion Today

At Celerion, we are more than just a service provider—we are your partner in research. From planning and setup to ongoing support, our goal is to help you achieve success at every stage of your clinical trial.

## Comprehensive PBMC Processing Capabilities

### 1. Isolation and Standardized Protocols

- **Precision Techniques:** Our state-of-the-art techniques for PBMC isolation from whole blood deliver consistent results, crucial for reproducibility in your research.
- **Custom Protocols:** Whether using our standardized SOPs or your custom protocols, we ensure that every sample is processed to meet your exact specifications.

### 2. Advanced Laboratory Services

- **Biomarker Expertise:** We provide comprehensive downstream biomarker analysis, leveraging our deep expertise in cell culture, flow cytometry, LC-MS/MS, and Ligand Binding Assays. Our capabilities ensure that we can deliver the biomarker endpoints your study requires, supporting your research with robust and reliable data.

### 3. Expert Oversight and Seamless Logistics

- **End-to-End Management:** From blood collection to transportation, processing, and storage, our dedicated team oversees the entire process, ensuring every sample is handled with care and precision.
- **Reliable Infrastructure:** Our facility is equipped with 31 active -80°C freezers, LN2 storage with backup systems, and 24/7 monitoring, ensuring the safety and integrity of your samples.

### 4. Customized Services to Meet Your Research Needs

- **Tailored Solutions:** We offer customizable PBMC processing services, including specialized handling, isolation methods, and storage solutions designed to fit the unique requirements of your study.
- **Agility and Flexibility:** Whether your study involves routine PBMC isolation or requires custom solutions, our team is equipped to adapt and deliver the results you need.

## Join the Leaders in Clinical Research

Celerion is a trusted partner for pharmaceutical companies and research organizations worldwide. Our dedication to quality, expertise, and client satisfaction sets us apart in the field of clinical research.

## Get in Touch Today

Contact us to learn more about how Celerion can support your clinical trials with our high-quality PBMC processing and comprehensive site training services.