

Light Density Human PBMCs

Catalog #	Unit Size (cells/vial)
0500-101	10 x 10 ⁶
0500-201	25 x 10 ⁶
0500-301	50 x 10 ⁶
0500-401	100 x 10 ⁶

Product Description

Cryopreserved human PBMCs (peripheral blood mononuclear cells) are obtained from aliquots of a leukapheresis product.

Sample Collection and Processing

Peripheral blood cells are collected from normal human volunteers using the COBE® Spectra MNC collection protocol. The mononuclear cell-rich leukocyte layer (leukapheresis product) is continually aspirated by a low flow rate collection pump directly into a collection bag. Cells are then centrifuged over a density gradient.

Stability and Storage

- Mononuclear cells are cryopreserved in CryoStor® CS5.
- Cells are stable for long-term storage at -152°C or in the gaseous phase of liquid nitrogen.

- Storage at -80°C is not recommended.

Once thawed, the cells must be used immediately and have a finite life span in culture. Maternal donors have been screened and found to be negative for HIV, HBV, HCV.

Thawing Protocol

The thawing protocol can be found on our website at www.reachbio.com/protocols, by emailing techsupport@reachbio.com or by contacting customer service at 1.206.420.0300.

Warning

Primary cells from human sources are a potential biohazard, treat as potentially infectious. All human sourced products should be handled at the Biological Safety Level 2 to minimize exposure of potentially infectious products. If you require further information, please contact your site safety officer.

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