

REACHBIO QUALIFIED™**Human Cord Blood Mononuclear Cells**

(Single Donor)

Catalog #	Unit Size (cells/vial)
0200-100S	15 x 10 ⁶

Product Description

Human cord blood MNCs (mononuclear cells) are obtained from density centrifugation of cord blood cells collected from normal donors. Cord blood MNCs are functionally pre-qualified in the CFC (colony-forming) assay using ReachBio's ColonyGEL™ methylcellulose-based media. The frequency of myeloid and erythroid progenitors, as well as a recommended plating concentration for the CFC assay, are provided for each batch of these REACHBIO QUALIFIED™ cells (see Certificate of Analysis).

Sample Collection and Processing

Umbilical cord blood is collected in a 250 mL collection bag containing CPD (citrate-phosphate-dextrose) anticoagulant (25 mL/bag).

Maternal donors have been screened to be negative for HIV and HBs Ag.

Cord blood is processed within 24-30 hours of collection.

Stability and Storage

- 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.

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.

Limited Product Warranty

ReachBio LLC warrants only that these products will perform according to established product specifications and makes no warranty as to their utility or fitness for use for any application whatsoever. Seller provides the products to the purchaser with the understanding that the purchaser is solely responsible for determining if the product is suitable for his or her intended application. Seller shall not be liable for any damages or injury to persons or property, arising from the purchase or use of the product, or for any results or failure to obtain results arising out of the use of the products. In addition, Seller shall not be liable for the product after the product expiration date or if the product has been misused, damaged or has otherwise become unusable due to improper storage or handling by purchaser. This warranty is exclusive and limits Seller's liability to the replacement of the product or, at Seller's option, the full credit of the original purchase price.

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