

REACHBIO QUALIFIED™
Human Bone Marrow
Mononuclear Cells

Catalog #	Unit Size (cells/vial)
0300-100	5 x 10 ⁶
0300-200	15 x 10 ⁶
0300-300	25 x 10 ⁶

Product Description

Human bone marrow MNCs (mononuclear cells) are obtained by density centrifugation of bone marrow cells. Bone marrow MNCs are functionally pre-qualified in the CFC (colony-forming cell) assay using ReachBio's ColonyGEL™ methylcellulose-based media. The frequency of myeloid and erythroid progenitors, as well as recommended plating concentration for the CFC assay, are provided for each batch of the REACHBIO QUALIFIED™ cells (see Certificate of Analysis).

Sample Collection and Processing

Bone marrow cells are drawn from the posterior iliac crest of normal human donors using a syringe containing anticoagulant.

Bone marrow cells are processed within 24-30 hours after collection. Donors have been screened to be negative for HIV, HBV, and HCV (see Certificate of Analysis).

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.

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

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