

REACHBIO QUALIFIED™**Human Bone Marrow CD133⁺ Cells**

Positively Selected

| Catalog # | Unit Size (cells/vial) |
|-----------|------------------------|
| 03133-050 | custom |

Product Description

Cryopreserved CD133⁺ cells have been isolated from human bone marrow MNCs (mononuclear cells) using an immunomagnetic positive selection approach. Bone marrow CD133⁺ cells 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 a recommended plating concentration for the CFC assay, are provided for each batch of these REACHBIO QUALIFIED™ cells.

Sample Collection and Processing

Human bone marrow cells are drawn from the posterior iliac crest of normal human donors using a syringe containing anticoagulant. Donors are screened for HIV, HBV and HCV (see Certificate of Analysis).

Purity

Purity of human bone marrow CD133⁺ cells is ≥90% as measured by flow cytometric analysis.

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

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