

CERTIFICATE OF ANALYSIS

Product Information

| | |
|--------------------|--|
| Product Name | TRANS-HSC-PBMNC |
| Source | Human Peripheral blood |
| Storage Conditions | Liquid Nitrogen- Vapor Phase Only |
| Special Handling | Minimize exposure to non-liquid nitrogen temperatures, especially room temperature transfers |
| Date of Expiration | 6 months from date of shipment if stored in Liquid Nitrogen |

Quality Testing & Results

| Test | Specification | Result |
|---------------------------------|---------------------------------------|--------------------------------------|
| Mycoplasma | Negative | Negative |
| Appearance, Container Integrity | Conforms | Conforms |
| Cell Count | > 1.0x10 ⁶ viable cells/ml | >1.2x10 ⁶ viable cells/ml |
| Cell Viability | >90% | >90% |
| Biomarker CD34 | >95% positive | 100% |
| Endotoxin | <3 EU/mL | <3 EU/mL |
| Bio Burden – Sterility | Negative | Negative |

Supporting Data

| | |
|---------------------|---|
| Safety Data | Representative Final Product lots were found non-tumorigenic and non-toxic |
| Donor Specimen (DS) | This DS has met all release criteria including donor selection criteria, consent for umbilical cord blood donation, virus testing (HIV1/2, HBV & HBC) |

General Information

| | |
|-----------------|--|
| Organism | Homo sapiens, human |
| Biosafety level | 1 |
| Disease | Normal |
| Age | Lot Specific |
| Gender | Lot-specific |
| Ethnicity | Indian |
| Applications | Applications for use include the study of stem cell biology, hematology, transplantation, and oncology |
| Product Format | Frozen (Customizable) |

Product Handling

Caution: The user should treat all human cells as potential pathogens. Wear protective clothing and eyewear. Practice appropriate disposal techniques for potentially pathogenic or biohazardous materials. For Research Use Only. Not for use in Clinical procedures.