

# Certificate of Analysis



Human Mononuclear Cells from Cord Blood (hMNC-CB), single-donor, ultra-pure

## Description

|                        |  |
|------------------------|--|
| Product Name           | hMNC-CB-c, single-donor, ultra-pure          |
| Order Number           | C-12901                                      |
| Lot Number             | 8072802.6                                    |
| Donor Age / Sex / Race | newborn / male / caucasian                   |
| Source                 | umbilical cord blood                         |
| Number of Viable Cells | 25 million                                   |
| Freezing Medium        | Cryo-SFM (Order No.: C-29910)                |
| QC Evaluation Medium   | Mononuclear Cell Medium (Order No.: C-28030) |
| Stage of Culture       | cryopreserved immediately after preparation  |

## Viability

|           |        |
|-----------|--------|
| Viability | 93 % * |
|-----------|--------|

## Phenotypic Characterization

|                                |          |
|--------------------------------|----------|
| Lymphocytes                    | 80 % **  |
| Monocytes                      | 16 % **  |
| Granulocytes (< 5 %)           | 0.3 % ** |
| CD34 <sup>+</sup> cell content | 0.8 % ** |

## Test for Microbial Contaminants and Infectious Viruses

|                               |                                |
|-------------------------------|--------------------------------|
| Bacteria / Fungi / Mycoplasma | negative / negative / negative |
| HIV-1                         | negative                       |
| HBV / HCV                     | negative / negative            |

\* Using PromoCell's standardized culture system and procedures. The stated values may vary under customer culture conditions.

\*\* Measured by Cell Lab Quanta SC™ (Beckmann Coulter Inc.).

The tissue used by PromoCell for the isolation of human cell cultures is derived from donors who have signed an informed consent form, which outlines in detail the purpose of the donation and the procedure for processing the tissue ([www.promocell.com/ethics](http://www.promocell.com/ethics)).



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## Orders and Technical Information

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