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14-3002: Human Bone Marrow CD34 Depleted Mononuclear Cells(Discontinued)

Reactivity : Human

Description

Cell Source: Bone Marrow
Cell Types: Mononuclear Cells, Lymphocytes, Monocytes, Dendritic Cells
Donor Attributes: HIV-, HepB-, HepC-

Mononuclear cells (MNCs) are separated from umbilical cord blood by means of a density gradient centrifugation protocol. The mononuclear cells are composed of lymphocytes (T cells, B cells and NK cells), monocytes, dendritic cells and stem/progenitor cells. These cells are critical components of the immune system and play key roles in the humoral and cell-mediated immune responses. Mononuclear cells are commonly used in research and clinical applications in the areas of immunology, infectious disease, hematological malignancies, vaccine development, transplant therapy, and high-throughput screening

Human bone marrow CD34 depleted mononuclear cells are isolated from bone marrow by removing the CD34+ population by immunomagenetic separation. The CD34 depleted mononuclear cells contain less than 0.1% CD34+ cells. The presence of CD34+ cells is assessed using flow cytometry.

Cells were obtained using Institutional Review Board (IRB) approved consent forms and protocols.

Product Info

Amount :	1 Vial
Purification :	<0.1% CD34+ Cells by Flow Cytometry
Content :	Each cryopreserved vial contains 100 million cells. Preserved in CryoStorâ„¢ CS10 (10% DMSO)
Storage condition :	Immediately upon receipt, store in liquid nitrogen.

Application Note

For cryopreserved samples, the freeze-thaw cycle may decrease cell viability by 10-15% post-thaw.

LIMITED USE RESTRICTIONS:

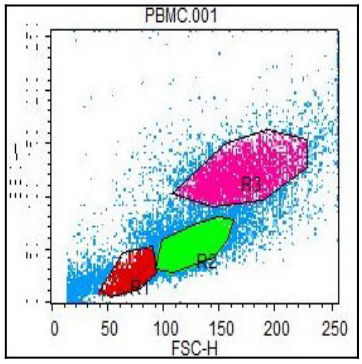
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