

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 immunomagnetic 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 CryoStor [®] , ϕ 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:

THIS PRODUCT IS SOLELY FOR IN VITRO RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

By use of this product, user agrees to be bound by the terms of this limited use statement.

This product is solely for Internal Research Purposes and not for Commercial Purposes. Commercial Purposes include, but are not limited to (1) use of the cell line in manufacturing; (2) use of the cell line to provide a service, information or data; (3) use of the cell line for therapeutic, diagnostic or prophylactic purposes; or (4) resale of the cell line whether or not such cell lines are resold for use in research.

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