

14-2002: Human Cord Blood Helper T Cells(Discontinued)

Description

Naïve helper T cells are mature T cells that have left the thymus and have yet to be exposed to an antigen presented on the MHC class II molecule of an antigen-presenting cell (APC). In humans, CD4+ naïve helper T cells are constantly recirculating into the secondary lymphoid tissues in order to optimize the opportunity of finding their specific antigen.

Human cord blood CD4+CD45RA+ naïve helper T cells are enriched by depleting cells expressing CD8, CD14, CD16, CD19, CD20, CD36, CD56, CD66b, CD123, CD45RO, TCR α/β , and CD235a from the mononuclear cell population using immunomagnetic particles leaving purified, untouched CD4+CD45RA+ naïve helper T cells. Isolated cells are characterized by flow cytometry to ensure a highly pure and viable cell population.

Cord blood is collected from mothers that are negative for HIV, HepB, and HepC during pregnancy. Testing on cord blood can be provided as a custom order.

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

Product Info

Amount :	1 Vial
Content :	Each cryopreserved vial contains 5 million cells. Preserved in CryoStor [®] , ϕ CS10 (10% DMSO)
Storage condition :	Immediately upon receipt, store in liquid nitrogen.

Application Note

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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