

14-1004: Human Peripheral Blood CD4/CD45RO Memory T Cells(Discontinued)

Description

Peripheral blood CD4+CD45RO+ memory T cells are formed after a naïve T cell has come into contact with an antigen. Memory T cells remain inactive until they encounter the same antigen and reactivate to form effector T cells. Having encountered the antigen previously this second encounter produces a faster and stronger immune response to eliminate the foreign invader or cancer cell.

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

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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