

14-2007: Human Cord Blood CD19+ B Cells(Discontinued)

Description

Human B cells are lymphocytes that are characterized by the expression of CD19 on the cell surface. These cells are one of the main cell types involved in the humoral immune response. Upon activation, due to an encounter with an antigen, B cells will act as antigen-presenting cells (APCs), make antibodies against foreign antigens, and develop into memory B cells or plasma cells.

Human cord blood CD19+ B cells are positively selected using immunomagnetic anti-CD19 microbeads from cord blood mononuclear 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 [®] , _ç 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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