

Certificate of Analysis

Human Adult Purified Naïve CD4⁺ T cells - Cryopreserved Vial

Catalog number:	PB0445RAC- 1 (5 x 10 ⁶ cells/vial)
Lot Number:	18047673
Source ID:	D326339
Description:	The naïve CD4 ⁺ T cells were isolated via immunomagnetic bead separation from a freshly collected leukopheresis product. After isolation, the naïve CD4 ⁺ T cells were evaluated for purity and viability by flow cytometry. The cells were cryopreserved at a controlled rate using a CoolCell® cell freezing container (BioCision) in CryoStor CS10 (BioLife Solution, Seattle, WA) for long term frozen storage. These cells are also available in a freshly isolated, non-cryopreserved format.
Source:	Freshly collected Leukopak (Cat# PB001F-1) from HemaCare
Storage Conditions:	Prepare cells for long term frozen storage in Liquid Nitrogen vapor phase or thaw for further experiments.
Principle Markers:	CD3 ⁺ , CD4 ⁺ , CD45 ⁺ , CD45RA ⁺
Biosafety:	Cells should be handled following biosafety level 2 procedures. Universal precautions should be utilized when working with these cells. Use aseptic techniques when thawing or handling the cells.

The following donor screening tests have been performed:

CMV testing upon request

Serological Testing:

- Syphilis
- Antibody Screen

Infectious Disease Panel:

- Hepatitis B Core Antibody (Anti-HBc EIA)
- Hepatitis B Surface Antigen (HBsAg EIA)
- Hepatitis C Virus Antibody (Anti-HCV EIA)
- Human Immunodeficiency Virus Antibody (HIV 1/2 plus O)
- Human T-Lymphotropic Virus Antibody (HTLV-I/II)
- HIV-1/HCV/HBV Nucleic Acid Testing
- WNV Nucleic Acid Testing
- Trypanasoma cruzi Antibody

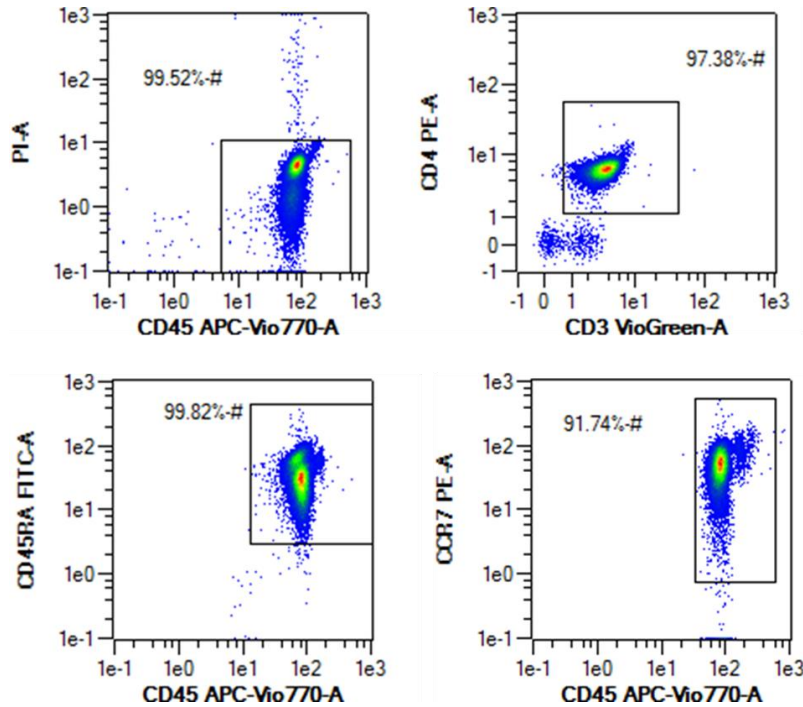
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Flow Cytometry Analysis



Viability is 99.73% based on FSC/PI staining pre-cryopreservation (not shown).

Surface Marker Summary

CD45 ⁺ /PI	CD3 ⁺ /CD4 ⁺ Cells	CD45RA ⁺ Cells	CCR7 ⁺ Cells
99.52 %	97.38 %	99.82%	91.74 %

Donor Demographics and Lot Specific Information

Source ID	Age	Gender	Ethnicity	Blood Type	Cryopreservation Date
D326339	39	Male	Caucasian	AB Pos	April 19, 2018

Donor Testing Panel Results: Negative for all donor screening tests performed

Released By:

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