

Certificate of Analysis

Human Adult Purified CD8⁺ T cells - Cryopreserved Vial

Catalog number: PB08NC-1 (5 x 10⁶ cells/vial)

Lot Number: 17045450

Source ID: D202024

Description: CD8⁺ T cells were negatively selected via immunomagnetic bead separation from a leukopheresis collection. After isolation, the CD8⁺ T cells were tested for purity and viability by flow cytometry. The CD8⁺ T cells were cryopreserved in Cryostor CS10 (BioLife Solution, Seattle, WA) using a CoolCell (BioCision, San Diego, CA) freezing container, and stored in the vapor phase of liquid nitrogen. The cells are also available in a freshly isolated, non-frozen format.

Source: Freshly collected Leukopak from HemaCare (Cat # PB001F-1)

Instructions: Either prepare cells for long term frozen storage in Liquid Nitrogen vapor phase or thaw for use.

Positive Markers: CD3⁺, CD8⁺, CD45⁺

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

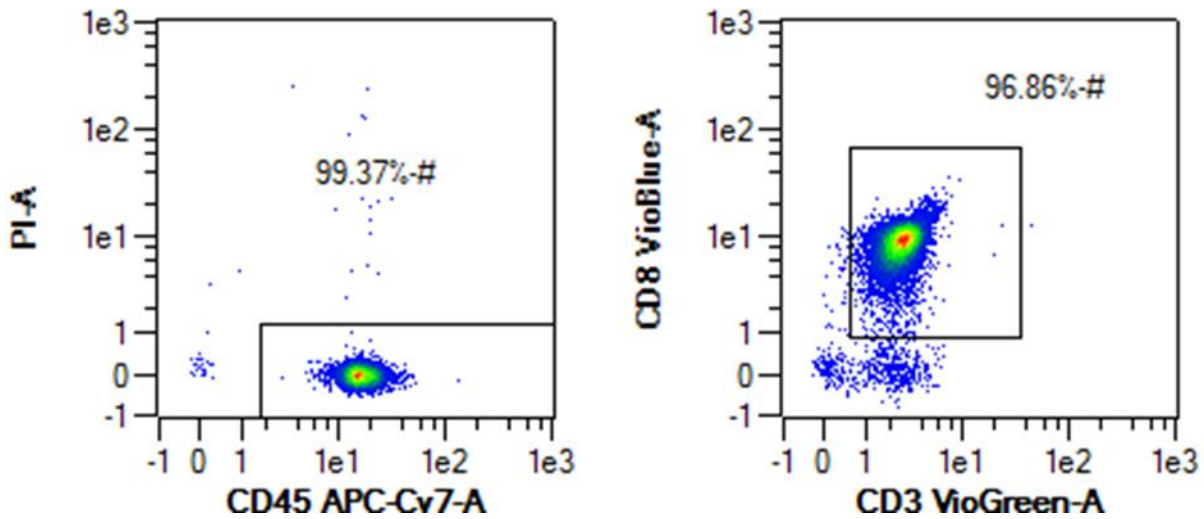
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Flow Cytometry Analysis



Viability is 99.68% based on FSC/PI staining pre-cryopreservation (not shown).

SAMPLE

Surface Marker Summary

CD45 ⁺ /PI	CD3 ⁺ /CD8 ⁺ Cells
99.37 %	96.86 %

Donor Demographics and Lot Specific Information

Source ID	Age	Gender	Ethnicity	Blood Type	Cryopreservation Date
D202024	40	Male	Hispanic	O Pos	December 4, 2017

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

Released By:

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