

Certificate of Analysis

Human Adult Purified CD19⁺ B Cells - Cryopreserved Vial

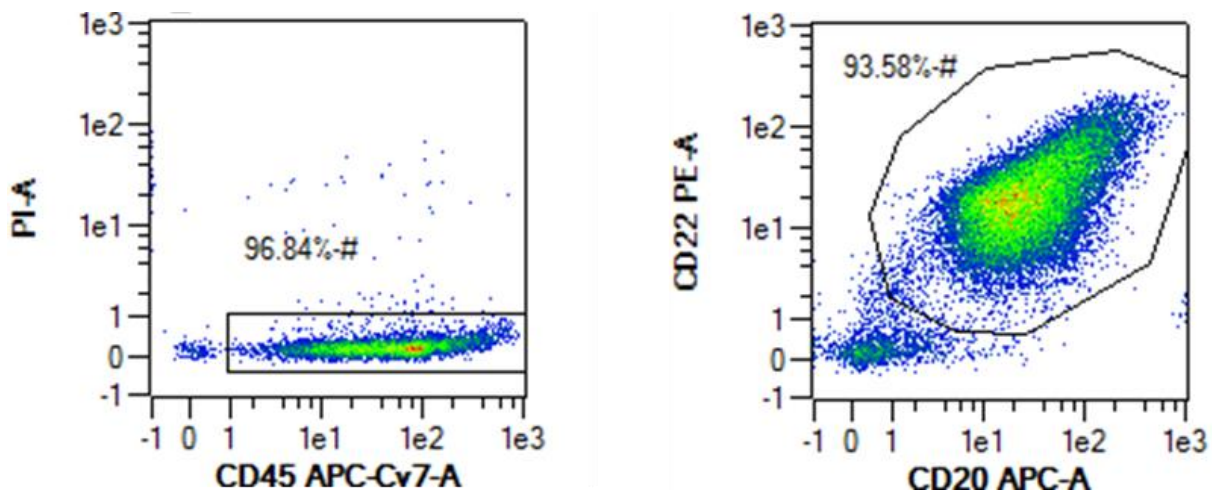
Catalog number: PB19C-1 (5 x 10⁶ CD19⁺ B Cells)

Description: CD19⁺ B cells were positively selected via immunomagnetic separation from a leukopheresis collection. After isolation, the CD19⁺ B cells were tested for purity and viability by flow cytometry. The CD19⁺ B cells were then 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: Upon arrival, either prepare cells for long term frozen storage in Liquid Nitrogen vapor phase or thaw for further experiments.

Biosafety: Cells should still be handled as if potentially biohazardous following biosafety level 2 procedures. Universal precautions should be utilized when working with these cells. Use aseptic techniques when thawing or handling the cells.



CD20 and CD22 are used as a positive identifying markers due to CD19 being saturated during the isolation process.

CD45 ⁺ , PI	B Cell Purity
96.84%	93.58%

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Donor Demographics

Age	Gender	Ethnicity	Blood Type
61	Male	Caucasian	O-Pos

Lot Specific Information

Lot Number	Source ID	Cryo Date
15037762	D204356	September 9, 2015

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

The following donor screening tests have been performed:

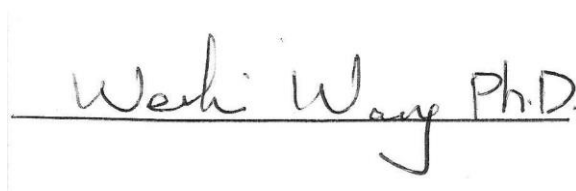
CMV testing upon request

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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