

Buffy Coat CD3 protein-coupled magnetic MicroBeads

Cat. No. CD3-3912M **Lot. No.** (See product label)

SPECIFICATION

Product Overview

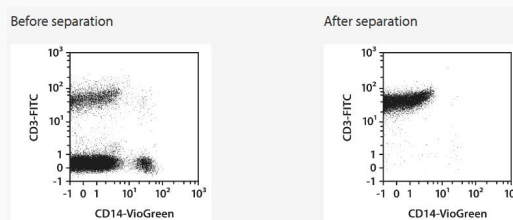
Species Human

Capacity for 1 buffy coat

Background The CD3 antigen is associated with the T cell receptor (TCR) heterodimer. CD3 is expressed on all T cells, constituting 15–20% of human peripheral blood leukocytes.

Application The purified CD3⁺ cells are well suited for further flow cytometric, functional, or molecular analysis.

Analysis



Separation of a buffy coat sample using the StraightFrom Buffy Coat CD3 MicroBead Kit and the MultiMACS Cell24 Separator Plus with the Single-Column Adapter and Whole Blood Columns. Cells were fluorescently stained with REAfinity Antibodies CD3-FITC, CD14-VioGreen, as well as with CD45-VioBlue and analyzed by flow cytometry using the MACSQuant Analyzer. Viable leukocytes were gated for analysis based on scatter signals, propidium iodide fluorescence, and CD45 expression.

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