

Whole Blood REAlease CD3 protein-coupled magnetic MicroBeads

Cat. No. CD3-4912M **Lot. No.** (See product label)

SPECIFICATION

Species Human

Capacity for 40 mL whole blood

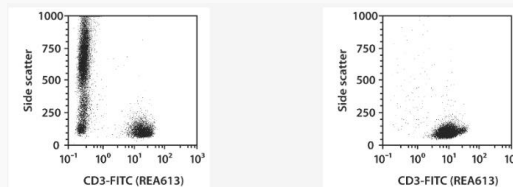
Background

The StraightFrom Whole Blood REAlease CD3 MicroBead Kit was developed for rapid positive selection of CD3+ cells directly from whole blood. No sample preparation is required, including density gradient centrifugation or erythrocyte lysis. The purified target cells are bead-free, practical for consecutive magnetic isolations, and can be label-free so that epitopes are available for any downstream application.

Application

StraightFrom Whole Blood REAlease CD3 MicroBead Kit allows the fast isolation of CD3+ cells directly from blood thus minimizing hands-on time and maximizing yields of target cells. The purified CD3+ cells are well-suited for further flow cytometric, functional, or molecular analysis. The isolated CD3+ cell subset is label-free.

Analysis



CD3+ cells were isolated from whole blood using the StraightFrom Whole Blood REAlease CD3 MicroBead Kit, human and Whole Blood Columns. Cells were fluorescently stained with the REAfinity Antibody CD3-FITC and analyzed by flow

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cytometry using the MACSQuant Analyzer X. Cell debris and dead cells were excluded from the analysis based on scatter signals and propidium iodide fluorescence.

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