

CD34 protein-coupled magnetic MicroBeads

Cat. No. CD34-502M **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Capacity for 10×10 mL whole blood

Background

The isolation of CD34+ cells is performed with one labeling step without washing afterwards and in a two-step separation procedure. During the first isolation step red blood cells are aggregated and sedimented. In a second step, CD34+ cells are magnetically labeled with Chimerism CD34 MicroBeads. Then, the cell suspension is loaded onto a MACS Column, which is placed in the magnetic field of a MACS Separator. The magnetically labeled CD34+ cells are retained within the column. The unlabeled cells run through; this cell fraction is thus depleted of CD34+ cells. After removing the column from the magnetic field, the magnetically retained CD34+ cells can be eluted as the positively selected cell fraction.

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