

## 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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