



Miltenyi Biotec

# Pre-Separation Filters

20  $\mu\text{m}$   
30  $\mu\text{m}$   
70  $\mu\text{m}$

130-101-812  
130-041-407  
130-095-823

## Contents

### 1. Description

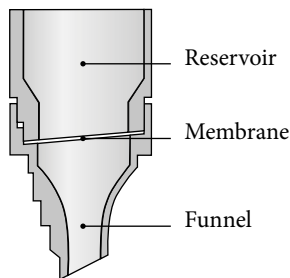
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## 1. Description

This product is for research use only.

**Components**      **50 Pre-Separation Filters (20  $\mu\text{m}$ )**  
Green colored, sterile packed  
or  
**50 Pre-Separation Filters (30  $\mu\text{m}$ )**  
Yellow colored, sterile packed  
or  
**50 Pre-Separation Filters (70  $\mu\text{m}$ )**  
Purple colored, sterile packed

**Storage**            Store Pre-Separation Filters dry. The expiration date is indicated on the box label.



### 1.1 Background information

Pre-Separation Filters are designed for the easy removal of cell aggregates or large particles from single-cell suspensions to ensure effective magnetic or fluorescent cell labeling, and thus optimal flow within cell separation columns and flow cytometer. They fit onto MACS® MS, LS, LD, CS, Large Cell, and Whole Blood Columns, as well as onto tubes with a capacity of 5 mL and 13–15 mL. One set contains 50 sterile and ready-to-use filters.

### 1.2 Applications

- Removal of large particles from blood cell samples and from single-cell suspensions prior to fluorescent or magnetic cell labeling, cell separation, flow cytometric analysis, or cell sorting.

### 1.3 Technical specifications

- For single use only.
- Mesh size: 20  $\mu\text{m}$ , 30  $\mu\text{m}$ , or 70  $\mu\text{m}$ , respectively.
- Recommended sample volume: 500–3500  $\mu\text{L}$

▲ The membrane of the Pre-Separation Filter is slightly hydrophobic. Moisturize Pre-Separation Filter by pipetting 500  $\mu\text{L}$  of buffer into the reservoir and discard effluent. Use same buffer as used to resuspend cells.

▲ Avoid drops trapped in the funnel of the filter. Tap the rim of the filter to elute the suspension completely

All protocols and data sheets are available at [www.miltenyibiotec.com](http://www.miltenyibiotec.com).

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