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## 1. Description

<b>Components</b>	6×75 mL MACS® BSA Stock Solution
<b>Capacity</b>	For preparation of 6×1.5 L of MACS Separation Buffer.
<b>Product format</b>	MACS BSA Stock Solution contains phosphate-buffered saline (PBS) and 10% bovine serum albumin (BSA). This product is preservative-free.
<b>Storage</b>	Store protected from light at 2–8 °C. The expiration date is indicated on the bottle label. After opening the MACS BSA Stock Solution should be stored refrigerated and used within 3 days.

### 1.1 Background

The MACS BSA Stock Solution is used for the preparation of a preservative-free MACS Separation Buffer. When diluted in autoMACS™ Rinsing Solution (# 130-091-222) an optimal buffer for all MACS Separations is obtained.

### 1.2 Applications

The MACS Separation Buffer is recommended for any labeling and washing step during the MACS Separation procedure:

- Magnetic labeling of cells with MACS MicroBeads or labeling with other antibody conjugates.
- Cell washing steps, for example, during the separation procedure.

▲ **Note:** This MACS Separation Buffer can be used as an alternative, preservative-free Running Buffer solution for MACS Separations on the autoMACS Pro Separator or the autoMACS Separator. For more information on autoMACS Buffers please refer to the autoMACS Running Buffer (# 130-091-221) and the autoMACS Rinsing Solution (# 130-091-222) data sheets.

## 2. How to dilute

For the preparation of a preservative-free MACS Separation Buffer empty one bottle of MACS BSA Stock Solution into one bottle of autoMACS Rinsing Solution (# 130-091-222, 6×1.45 L). Mix well by inverting the autoMACS Rinsing Solution bottle several times. The MACS Separation Buffer contains a final BSA concentration of 0.5%.

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

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