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#### 1.1 Principle of an autoMACS® Separation

## 1. Description

**This product is for research use only.**

<b>Components</b>	6x1.5 L autoMACS® Washing Solution.
<b>Capacity</b>	For up to 15 autoMACS Programs of priming and rinsing per bottle.
<b>Product format</b>	autoMACS Washing Solution contains detergents and stabilizer. This solution is sterile filtered.
<b>Storage</b>	Store protected from light at room temperature. The expiration date is indicated on the bottle label.

#### 1.1 Principle of an autoMACS® Separation

autoMACS® Instruments are designed for automated magnetic sorting of cell samples employing MACS® Technology. Prior to usage, an autoMACS Separator is primed with MACS Separation Buffer (autoMACS Running Buffer). Then, a magnetically labeled cell sample is applied to the instrument and the appropriate cell separation program is chosen. The cell separation process is performed automatically and proceeds as follows. The cell sample is loaded on the autoMACS Separation Column, which is placed in the magnetic field of the autoMACS Magnet. The magnetically labeled cells are retained within the column. The unlabeled cells are eluted as the negative fraction. Then, the magnet is retracted automatically from the column and the magnetically retained cells are eluted as the positively selected cell fraction. Before proceeding to the next cell sample the system is rinsed automatically with the wash program selected. After the last separation of the day autoMACS Instruments must be shut down with a short term or long term storage program.

For more information please refer to the respective autoMACS User Manual.

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