



Miltenyi Biotec GmbH

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1. Description

Components	3 × 1000 mL MACS® GMP PBS/MgCl ₂ Buffer
Composition	MACS GMP PBS/MgCl ₂ Buffer contains: Sodium chloride Disodium hydrogen phosphate Potassium chloride Potassium hydrogen phosphate Magnesium chloride hexahydrate Water for Injection (WFI) pH 7.4
Endotoxin content	≤ 1 EU/mL as determined by kinetic Limulus Amebocyte Lysate (LAL) assay (Pharmacopoeia Europaea (Ph. Eur.)).
Sterility	Sterile (steam, minimum 15 minutes at minimum 121 °C)
Storage	Store at room temperature.
Shelf life	The use-by date is indicated on the bag label.

Disclaimer

MACS GMP Products are for research use and *ex vivo* cell culture processing only, and are not intended for human *in vivo* applications. For regulatory status in the USA, please contact your local representative.

Quality statement

MACS GMP Products are manufactured and tested under a quality management system (ISO 13485) and are in compliance with relevant GMP guidelines. They are designed following the recommendations of USP <1043> on ancillary materials.

No animal- or human-derived materials were used for the manufacture of this product, unless otherwise stated in the respective Certificate of Origin.

MACS® GMP PBS/MgCl₂ Buffer

Order no. 170-076-155

2. Applications

- The MACS GMP PBS/MgCl₂ Buffer is intended as a wash buffer to remove residual EDTA if needed.
- The final MACS GMP Tyto Running Buffer for the MACSQuant® Tyto® Cell Sorter consists of two components:

A) MACS GMP PBS/MgCl₂ Buffer (170-076-155)

B) MACS GMP Tytonase (20× Stock solution) (170-076-210)

The preparation of the MACS GMP Tyto Running Buffer is detailed in the instructions for use.

3. Warnings and precautions

- ▲ The instructions for use must be followed.
- ▲ Do not inject or infuse the product directly into humans. Not for human application.
- ▲ When using this product, the national legislation and regulations must be followed. Any application of *ex vivo* processed target cells is exclusively within the responsibility of the user.
- ▲ For single use only. Do not reuse.
- ▲ Use undamaged and sealed bags only.
- ▲ Do not use after the use-by date indicated on the bag label.

4. Instructions for use

- ▲ The MACS GMP PBS/MgCl₂ Buffer should be supplemented with 0.5% HSA (w/v) prior to use.
- ▲ Do not vortex the MACS GMP Tytonase (20× Stock solution), but mix by inversion.
- ▲ Presence of residual EDTA (e.g. when using CliniMACS® PBS/EDTA Buffer) might hamper the functionality of the Tytonase. Ensure removal of EDTA by washing with the MACS GMP PBS/MgCl₂ Buffer prior to resuspension in the final MACS GMP Tyto Running Buffer.

Note: Please refer to the Special Protocol 'Protocol for MACS® GMP labeling of cells and preparation for cell sort on MACSQuant® Tyto® Cell Sorter' located on the Miltenyi Biotec website for further details how to prepare samples for sorting.

To prepare the MACS GMP Tyto Running Buffer to be used in combination with the MACSQuant Tyto Cell Sorter, 95 mL of MACS GMP PBS/MgCl₂ Buffer (170-076-155) has to be supplemented with 5 mL MACS GMP Tytonase (20× Stock solution) (170-076-210).

5. Glossary of symbols



Manufacturer



Order number



Part number



Batch code



Use-by date



Consult instruction for use.



Do not use if package is damaged.



Do not re-use

This data sheet and corresponding information can be found under www.miltenyibiotec.com/170-076-155.

Warranty

The products sold hereunder are warranted only to be free from defects in workmanship and material at the time of delivery to the customer. Miltenyi Biotec GmbH makes no warranty or representation, either expressed or implied, with respect to the fitness of a product for a particular purpose. There are no warranties, expressed or implied, which extend beyond the technical specifications of the products. Miltenyi Biotec GmbH's liability is limited to either replacement of the products or refund of the purchase price. Miltenyi Biotec GmbH is not liable for any property damage, personal injury or economic loss caused by the product.

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