

# NK MACS GMP Medium (Phenol Red)

Order no. 170-076-356

#### Contents

- 1. Description
- 2. Applications
- 3. Warnings and precautions
- 4. Instructions for use
- 5. Glossary of symbols

## 1. Description

Components NK MACS GMP Basal Medium, 2,000 mL bag

(Phenol Red) (# 170-076-354)

NK MACS GMP Supplement 200×, 10 mL vial

(# 170-100-058)

Main Salts, amino acids, vitamins, buffers

components

**Human proteins** NK MACS GMP Basal Medium (Phenol Red)

and NK MACS GMP Supplement do not contain human proteins. Human AB Serum has to be added to the final product prior to use. All risks arising from this component must be evaluated by the user before application of the

target cell product to humans.

**Specifications** For detailed specifications of the NK MACS

GMP Basal Medium (Phenol Red) and the NK MACS GMP Supplement please refer to the respective Product Quality Certificate (PQC).

Functionality assay: Expansion of NK cells

from PBMC.

**Total viable** No microbial growth detectable.

aerobic count

Transport NK MACS GMP Basal Medium (Phenol Red)

at +2 °C to +8 °C (+36 °F to +46 °F), NK MACS

GMP Supplement on dry ice.

Storage NK MACS GMP Basal Medium (Phenol Red)

protected from light at +2 °C to +8 °C (+36 °F to +46 °F). Store NK MACS GMP Supplement

at -20 °C (-4 °F).

**Shelf life** The use-by date is indicated on the bag and vial

label, respectively.

#### Disclaimer

MACS GMP Products are for *ex vivo* cell 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>0 on ancillary materials. The manufacturing and testing of this product is compliant with the requirements laid down in the Ph.Eur. Chapter 5.2.12, if applicable.

The declaration of animal- or human-derived materials is given on the Certificate of Origin.

## 2. Applications

 NK MACS GMP Medium (Phenol Red) has been developed for NK cell culture and expansion from PBMCs or isolated NK cells. Expanded NK cells are fully functional and can be used in any downstream assay, e.g., killing assays.

## 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 bags only.
- ▲ Use undamaged and sealed vials only.
- Do not use after the use-by date indicated on the bag and vial label.

### 4. Instructions for use

## Medium preparation:

- For the preparation of the NK MACS GMP Medium (Phenol Red) thaw one vial of the NK MACS GMP Supplement 200×, 10 mL at +37 °C (+99 °F). Please shake the vial gently 2–3 times during thawing procedure.
- Add the thawed NK MACS GMP Supplement 200x, 10 mL aseptically to one bag of NK MACS GMP Basal Medium (2,000 mL).

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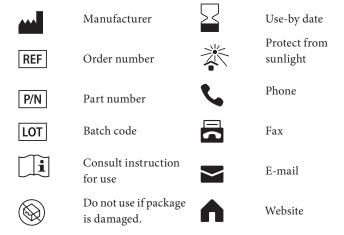
♠ www.miltenyibiotec.com

Add 5% (v/v) AB serum aseptically to the medium before use. Mix well.

**Note:** Only prepare the amount of complete medium which is used within 3 weeks.

- 4. Store complete NK MACS GMP Medium (Phenol Red) protected from light at +2 °C to +8 °C (+36 °F to +46 °F). Complete medium can be used up to 3 weeks when stored at +2 °C to +8 °C (+36 °F to +46 °F).
- 5. Prior to use, add 500 IU/mL Interleukin-2 (e.g., #170-076-148).

## 5. Glossary of symbols



This data sheet and corresponding information as well as special protocols can be found under www.miltenyibiotec.com/170-076-356.

#### Warranty

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