

Human Natural killer Cell Complete Medium

Cat. No. : CM-H168

Size : 125mL×4

General Information

Product Form	Liquid
Concentration	Ready-to-use
Bacterial detection	Negative
Fungal detection	Negative
Mycoplasma detection	Negative
Endotoxin level	< 3 EU/mL
Shipping	Ice bag
Storage	2-8°C, Shading Light
Expiry date	3 months

Product Introduction

The human natural killer cell complete medium has been meticulously optimized by Pricella's R&D team. After extensive testing, it is suitable for the expansion and culture of NK cells that have been purified from blood, induced or activated by factors, and possess functional capabilities. This medium is typically used for the expansion of NK cells after activation on days 7 to 10.

For NK cells directly isolated from blood, it is necessary to independently add factors and reagents for purification and activation to confer proliferative and expansion capabilities before utilizing this culture medium. This product does not have the ability to directly purify or activate NK cells, it is only suitable for the expansion phase following purification and activation. The medium already contains all the necessary components for the growth of human NK cells in the later stages of purification/activation, and no additional components are required. It can be directly used for the in vitro culture of human NK cells.

This product is intended solely for further research purposes and is strictly prohibited for use in diagnostics, treatment, clinical applications, home use, or any other purposes.

Guidelines for use

1. Pricella's cell culture media undergoes strict quality control to ensure sterility, but may get contaminated during use. Follow these guidelines for sterile handling to avoid contamination.
2. Always wipe your gloved hands and work area with 70% ethanol.
3. Wipe the outside of the containers, flasks, plates, and dishes with 70% ethanol before placing them in the cell culture hood.
4. Use sterile pipette tips and pipettes to work with liquids, and use each pipette tip only once to avoid cross contamination. Do not unwrap sterile pipettes until they are ready to be used. Keep pipettes and tips within the clean work area.
5. Do not talk while performing sterile procedures and perform your cell culture as efficiently and carefully as possible to minimize contamination.

Quality control

Standard evaluations for cell culture media are pH, osmolality, endotoxins and sterility testing for liquid products, cell growth experiments.

Notes

1. This product is for research use only.
2. This product is only suitable for the amplification and culture of purified and activated NK cells. It does not have the functions of purification and activation.
3. This product is sterilized by 0.1 µm filtration.
4. It is necessary to pay attention to the aseptic operation and avoid the contamination during the culture.
5. It is not suitable for long time storage at room temperature.
6. This product is a ready-to-use medium. If there is no special need, don't add serum, penicillin and streptomycin. It can be used directly.

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