NK-92 Cell Complete Medium

Cat. No. : CM-0530
Size: 125mL×4

General Information

Product Form	Liquid
Concentration	Ready-to-use
Components	Component one：MEMα[PM150422]+0.2 mM Inositol+0.1 mM Supplement1 +0.02 mM Folic Acid+12.5% Nutrient2+12.5% Nutrient1+1% Supplement2 Component two：IL-2[PB180634]
Bacterial detection	Negative
Fungal detection	Negative
Mycoplasmal detection	Negative
Endotoxin level	< 3 EU/mL
Storage	2-8°C, Shading Light
Shipping	Ice bag
Expiration date	6 months

Product Introduction

NK-92 Cell Complete Medium is a ready-to-use medium that can be directly used for the culture of NK-92 cells, which is carefully designed and optimized by Procell's R&D team based on MEMα basal medium. This high-quality complete medium has been strictly verified by NK-92 cells which could promote cell proliferation and maintain cell properties.

Guidelines for use

1. After dissolving interleukin-2 (IL-2), perform a brief centrifugation to remove the liquid adhering to the lid.
2. Add 250 uL of interleukin 2 (IL-2) to the NK-92 cell-specific medium in a 1:500 ratio and mix well to prepare the complete medium for NK-92 cells. For example: Add 250 uL of interleukin 2 (IL-2) to 125 mL of the NK-92 cell-specific medium and mix thoroughly.
3. Procell's cell culture media undergoes strictquality control to ensure sterility, but may get contaminated during use. Follow these guidelines for sterile handling toavoid contamination.
4. Always wipe your gloved hands and work area with 70% ethanol.
5. Wipe the outside of the containers, flasks, plates, and dishes with 70% ethanol before placing them in the cell culture hood.
6. 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 beused. Keep pipettes and tips within the clean work area.
7. Do not talk while performing sterile procedures and perform your cell culture as efficiently and carefully as possible tominimize 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 only used for scientific research or further research, not for diagnosis and treatment.
2. This product is sterilized by 0.1 μm filtration.
3. It is necessary to pay attention to the aseptic operation and avoid the contamination during the culture.
4. It is not suitable for long time storage at room temperature.
5. 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.
6. When the NK-92 complete culture medium has been opened for too long, IL-2 degradation may occur, which can affect the normal state of the cells. In this case, IL-2 can be added at a concentration of 100-200 U/mL. during fluid supplementation, semi-medium change,or full change of the medium (self-prepared).

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