Human Peripheral Blood CD4+ T Cell Complete Medium (for Magnetically Isolated / Negatively Selected Cells)

Cat. No. : CM-H514A

Size : 125mL×4

General Information

Product Form	Liquid
Concentration	Ready-to-use
Bacterial detection	Negative
Fungal detection	Negative
Mycoplasmal detection	Negative
Endotoxin level	< 3 EU/mL
Shipping	Ice bag
Storage	2-8°C, Shading Light
Expiry date	6 months

Product Introduction

Human Peripheral Blood CD4+ T Cell Complete Medium (for Magnetically Isolated / Negatively Selected Cells) can maintain the optimal growth state of human peripheral blood CD4+ T cells (magnetically isolated / negatively selected), which is carefully designed and optimized by Procell's R&D team through long-term testing. This product already includes all the components needed for the growth of human peripheral blood CD4+ T cells (magnetically isolated / negatively selected). It is serum-free, requiring no additional ingredients, and can be used directly for the in vitro maintenance culture of human peripheral blood CD4+ T cells (magnetically isolated / negatively selected). The core function of this product is to "maintain cell growth status", ensuring the stability of cell viability, morphology, and fundamental biological characteristics during in vitro culture. However, it does not possess CD4+ T cell activation functionality nor does it promote cell expansion. It is not suitable for experimental scenarios requiring cell activation or amplification of cell numbers. This product is only used for scientific research or further research, not for diagnosis and treatment.

Guidelines for use

1. 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.
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 beused. 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 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. Aseptic technique must be observed during product use to avoid contamination.
3. The product has a shelf life of 6 months before opening and should be used within 1 month after opening. All products must be used within their validity period. Discard if expired.
4. This product is only suitable for maintaining non-activated cells and cannot be used for cell activation or expansion. It does not possess activation capability. Cell viability can be maintained above 50% for 3–5 days. Due to cell characteristics, non-activated cells cannot be cultured long-term in vitro.
5. To preserve optimal performance, avoid prolonged exposure to room temperature or higher temperatures.

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