Human Peripheral Blood CD14+ Monocytes Complete Medium (for Magnetically Isolated / Positively Selected Cells)

Cat. No. : CM-H515C

Size : 100mL/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 CD14+ Monocyte Complete Medium (for Magnetically Isolated / Positively Selected Cells) can maintain the optimal growth state of human peripheral blood CD14+ monocytes (magnetically isolated / positively selected), which has been carefully designed and optimized by Procell's R&D team through long-termt esting. This product already contains all the components required for the growth of human peripheral blood CD14+ monocytes (magnetically isolated / positively selected). No additional components need to be added, and it can be used directly for the in vitro maintenance culture of human peripheral blood CD14+ monocytes (magnetically isolated / positively selected) . The core function of this product is to " maintain the optimal viability and functional state ", ensuring stable cell viability, morphology, and basic biological characteristics during in vitro culture. However, it does not possess activation function, nor does it have cell expansion effects. It cannot be used for experimental scenarios requiring cell activation or expansion of cell numbers.

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; after opening, it should be used within 1 month. All products must be used within their validity period. Discard if expired.
4. To ensure optimal cell viability, please proceed with experiments immediately after thawing. When using this product, culturing the cells for 2–3 days post-thaw can maintain viability at approximately 50%. Therefore, it is essential to have all experimental preparations fully completed before thawing. Due to their intrinsic biological characteristics, these cells cannot be maintained for long-term in vitro culture.
5. To preserve optimal performance, avoid prolonged exposure to room temperature or higher temperatures.

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