# Rat Peripheral Blood Lymphocyte Complete Medium

**Cat. No. : CM-R310**

**Size : 100mL/125mL×4**

## General Information

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| **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

Rat Peripheral Blood Lymphocyte Complete Medium is a ready-to-use medium that can be directly used for the culture of rat peripheral blood lymphocytes, which is carefully designed and optimized by Procell's R&D team. This high-quality complete medium has been strictly verified by rat peripheral blood lymphocytes which could maintain the cell's optimal conditions. 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 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. 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.

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