

User's Manual - MCM CulLymT-SFM12

【Product Name】 : T Lymphocytes Serum-Free Medium

【Product Model】 : MCM CulLymT-SFM12

【Product Number】 : CM012-500/1000

【Packing Specifications】 : 500,1000 mL



【Main Component】 : MCM CulLymT-SFM12 is Serum-free, Xeno-free medium. It mainly contains glucose, amino acids, inorganic salts, transferrin, insulin, trace elements.

【Intended Use】 : In vitro culture of human T cells (T, CAR-T, TCR-T, and etc.)

【Performance Index】 :

Stellarity: Negative (bacteria, fungi, Mycoplasma)	Endotoxin: < 1 EU/mL
pH:7.0 ~ 7.6 (RT)	Osmolality: 280 ~ 350 mOsm/kg
Appearance: Red, clear liquid	

【Delivery Requirements】 : 2 ~ 8°C, protected from light.

【Storage Conditions and Validity Period】 : 2 ~ 8°C, protected from light. The validity period is 12 months.

【Usage Method】 : In order to maximize the performance of the culture medium, Please refer to the following instructions:

1. Operating the PBMC separate, sort and genetic modify according to the corresponding standard operating process.
2. Cell seeding at a certain density (recommended density $0.5 \sim 1.0 \times 10^6$ /mL) into MCM CulLymT-SFM12 medium, add cell activating factors according to the requirements of the culture process, and then place the culture flask at 37°C , 5% CO₂ and 85% humidity conditions.
3. Regularly (every day or every 2 days) microscopically observe and cell count, expand according to the cell density, and supplement with fresh medium and IL-2 for continue culturing.
4. At the end of the culture (usually, it can support continuous culture for 21 days), remove the medium by centrifugation, and collect the cells.

【Suggestions】 :

It is recommended to pre-warm at room temperature or 37°C before use.

【Precautions】 :

- 1.This product is only available for scientific research and is not available for clinical treatment.
- 2.The product shall be used or stored immediately after opening, otherwise the product performance will be affected.
- 3.Cell culture tests should be performed before use and confirm performance before use.
- 4.The waste disposal generated after use shall comply with the relevant laws and regulations of the location of the user, and shall not be discarded at will.

【Date of Instruction Manual Approval and Modification】 : 2021.05

【Technical Support】 : According to the terms of sales, please contact our technicians with any problems:

Tel:+86 21-64909996-393

Fax: +86 21-64909996-730