

T-lymphocyte Serum-free Medium

Product Introduction

MCM CulLymT-SFM10 is a serum-free cell culture medium specialized for human T lymphocyte culture in large scale. MCM CulLymT-SFM10 is component clear, animal origin-free and low protein level. It can be applied in in vitro T lymphocyte personalized or large-scale culture without serum under different kinds of culture model, including static culture, fed-batch and perfusion in SUB.



Product Information

Product	Catalogue	Item No.	Specification
T Lymphocyte Serum-free Medium	MCM CulLymT-SFM10 (with phenol red)	CM010-1000	1000mL/bottle
		CM010-5000	5000mL/bag
		CM010-10000	10000mL/bag
T Lymphocyte Serum-free Medium	MCM CulLymT-SFM10 (A) (without phenol red)	CM010(A)-1000	1000mL/bottle
T Lymphocyte Serum-free Medium	MCM CulLymT-SFM11 (with phenol red)	CM011-1000	1000mL/bottle
T Lymphocyte Serum-free Medium	MCM CulLymT-SFM12 (with phenol red)	CM012-1000	1000mL/bottle

Product Advantage

- Component clear, serum-free, animal origin-free and low protein level;
- Completely support serum-free culture, no serum or serum substitute required, and suitable for bioreactor;
- Excellent in cell proliferation, supporting T-lymphocyte fast proliferation in vitro;
- Universality, proved by multiple culture systems, such as static culture, fed-batch and perfusion culture in bioreactor;
- cGMP standard production conditions, using disposable manufacturing techniques to ensure highly stable and consistency of different batches.

Using Method

1. T cell isolation, sorting and gene modification operations;
2. T cell inoculation with specific activation and stimulation factors as required by the culture process.
3. Incubation at 37°C, 5% CO₂ and saturated humidity, with periodic observation of count amplification.
4. At the end of the culture, the medium was removed by centrifugation and the cells were collected.

