

## Serum-free medium for T cell culture

*iMediam<sup>for T</sup>*

### Instruction manual

iMediam for T is a medium for culturing human T lymphocytes. iMediam for T allows T cell to proliferate more efficiently than culture using anti-CD3 antibody alone by activating T cell with anti-CD3 antibody/IL-2.

#### Features

- ◆ Allows serum-free culture of T cells
- ◆ Contains no heterogeneous components (Chemically-defined medium)
- ◆ Obtained the Confirmation of Product Material Eligibility of Regeneration Medicines etc. (Notification No. 0110012 issued by the Director of the Center for Product Evaluation, Pharmaceuticals and Medical Devices Agency)

#### Application

- ◆ Human T lymphocytes

#### Storage conditions

- ◆ Cool, dark place (2 to 10°C)

#### Sterilization tests

- ◆ Endotoxin : Colorimetric method
- ◆ Mycoplasma : Cultural method
- ◆ Fungi and bacteria : Agar plate smear method

#### Operating procedures

1. Dilute OKT3 antibody with PBS to 5–10 µg/mL, and spread on the bottom of the flasks. (The concentration when using a 225 cm<sup>2</sup> flask is 10 µg/mL.)
2. Suspend PBMC of 3–5 × 10<sup>7</sup> cells into 30–50 mL iMediam for T.
3. Add appropriate amount of iMediam for T depending on the condition of the cell growth.
4. After 5 to 7 days of culture, transfer the cell suspension into a gas-permeable culture bag. Add appropriate amount of iMediam for T, and continue culturing for additional 2 to 3 weeks. Increase the number of culture bags depending on the condition of the culture in an appropriate manner.

#### Notes

- ◆ Do not use on human body.
- ◆ We cannot assume the responsibility for accidents and damages caused by the use of this product.
- ◆ If you have any questions about the use, please contact GC LYMPHOTEC Inc.

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