

T Cell 01

Version 1.0

T Cell 01 is a universal serum-free culture medium that can cultivate both T cells and NK cells.

Product	Catalog No.	Form	Package Sizes
T Cell 01	11902-1533	Dry powder	2 L, 10 L, 100 L, Customized
	11902-23064	Liquid	500 mL, 1000 mL

Component Information

With L-Glutamine, 4.0 g / L Glucose, HT, Human serum albumin; Without Hydrolysate, IL-2.

Intended Use

For research and further manufacturing use only.

Safety Warning

Read the Material Safety Data Sheets (MSDS) and follow handling instructions. Wear appropriate protective eyewear, clothing, and gloves.

Storage and Stability

Liquid Medium

The liquid medium should be stored at 2–8°C and protected from light. The product is stable for 12 months, The addition of other additives has the potential to impact storage conditions and shelf life. In the event of precipitation or turbidity, usage should be discontinued immediately. For applications surpassing 3 months, supplementation with 2mM glutamine is advised.

Powder Medium

The dry powder medium should be stored at 2–8°C and protected from light. The product is stable for 24 months, when unopened and stored properly. This product is very hygroscopic and should be kept in a dry environment away from moisture.

Materials and Methods

Cell Type	Base Medium	Process Type
T Cell	T Cell 01	When the cell density reached about 2.5×10^6 cells/mL, T cell 01 medium was supplemented to dilute the cell density to $0.5 - 1 \times 10^6$ cells/mL, and IL-2 was added when it was used.
NK Cell	T Cell 01	When the cell density reached about 2.5×10^6 cells/mL, T cell 01 medium was supplemented to dilute the cell density to $0.5 - 1 \times 10^6$ cells/mL, and cellular factor was added when it was used.