

Instruction for Using USP Grade Serum-free Cell Cryopreservation Solution

Product Safety Instructions:



- The clinical application safety of cells with a 5% DMSO content is higher than that of serum-free cell cryopreservation solution with a 10% DMSO content.
- All **USP grade** raw materials (complying with US Pharmacopoeia standards further enhance the safety of the product in clinical applications.
- Medical and NMPA document filing & registration (product safety qualification certification).

❖ Medical Device Record No.: Sutaixiebei20210214

❖ National Medical Products Administration (NMPA) Medical Device Document Registration No.: M2022027-002

Product Information:

Product Name	Product NO.	Amount
Cell Cryopreservation Solution (5% DMSO, USP Grade)	F106-20	20ml
	F106-100	100ml

Instructions for using:

- 1) Collect cells that are undergoing logarithmic growth in culture.
- 2) 1xPBS or corresponding cell wash, wash the cells once, and centrifuge to remove the supernatant.
- 3) Slowly add an appropriate amount of cell cryopreservation according to the number of cells, gently resuspend and mix the cells, and transfer it to the cell cryopreservation tube.

Cell Type	Cell NO./ml Freezing Medium
Cell Line	$1-5 \times 10^6$
PBMC	$1-5 \times 10^7$
Mesenchymal Stem Cell	$1-5 \times 10^6$

4) Place the cell cryopreservation tube in an appropriate cryopreservation container (such as box contains isopropanol, for better cryopreservation effect), and leave it at 4 °C or room temperature for 10-15 minutes (this step is to ensure that DMSO has sufficient time to enter the cell).

5) Store it in a refrigerator at -80 °C.

6) **Note: If cells need to be frozen in a liquid nitrogen tank, they shall be stored in a -80 °C refrigerator for at least 24 hours.**