

Serum free Cell Cryopreservation Solution

5% DMSO

Product Description:

This newly developed cryopreservation medium is a chemically defined cell preservation solution. All raw materials are **USP-grade** (compliant with US Pharmacopeia standards). Notably, it contains only 5% DMSO.

Application:

This product is specialized for diverse cell lines, with validated performance in primary cells including (but not limited to):

- 293T, A549, K562, U937
- Jurkat, NK, DC, B Lymphocytes
- Peripheral blood mononuclear cells (PBMCs)

Features:

Ready-to-use | Stable storage | Easy operation

Chemically defined | Animal/Human origin-free | Protein-free

No programmed cooling | Simplified freezing protocol

High cell recovery >90% | Ensures experimental reproducibility

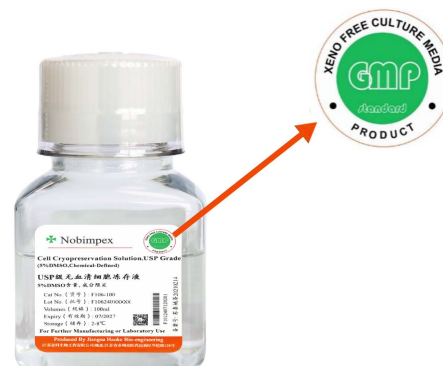
Long-term cryostability | Compatible with **-80℃ & LN₂** storage

Instruction for use:

1. Collect exponentially growing cells (determined by growth curve analysis)
2. Wash the cells once with 1xPBS or the corresponding cell wash solution, and remove the supernatant by centrifugation.
3. Add an appropriate amount of cell cryopreservation solution according to the number of cells, and slowly, gently resuspend the cells, and transfer to a cell cryopreservation tube.

Cell Type	Number of Cells/ml
Cell line	1-5*10 ⁶
PBMC	1-5*10 ⁷
Mesenchymal stem cells	1-5*10 ⁶

4. Place the cell cryovial in an appropriate freezing container (eg, a cell cryopreservation box containing isopropanol is better for cryopreservation), and place it at 4 degrees or room temperature for 10-15 minutes (this step is for Make sure that the DMSO has enough time to enter the cell).
5. Store in the -80 degree refrigerator.
6. Reminder: If the cells need to be frozen in a liquid nitrogen tank, the cells should be stored in a -80 degree refrigerator for at least 24 hours.



Product information:

F106-20: 20ml

F106-100: 100ml

Shelf Life: 3 years

Storage Conditions:

2-8℃, light protection recommended.