

Umbilical Cord Blood Preservation Solution

55% DMSO

Product Description:

The cord blood cryopreservation solution is produced according to cGMP regulations, is CFDA-filed and culture-validated. The production uses disposable medical consumables to effectively avoid cross-contamination. It is mainly used for the preservation of cord blood stem cells and other stem cells. The main ingredients of this cryopreservation solution are 55% dimethyl sulfoxide (DMSO) and 5% dextran. Raw material sources are certified to meet USP Grade standards.



Application :

Suitable for the preservation of cord blood stem cells and other stem cells.

Product information:

F201-20: 20 ml

F201-100: 100 ml

Shelf Life: 3 years

Storage Conditions:

2-8°C, light protection recommended.

Features:

- Ready to use.
- Defined chemical composition, no animal derived substances, no protein.
- Raw materials are imported in their original packaging and comply with USP.
- cGMP conditions followed in production, tested for sterility, endotoxin, pyrogen, mycoplasma and cell culture.
- Effectively improve the survival rate of frozen cells up to 85% or above without affecting the proliferation characteristics and differentiation inducing ability

Instruction for use:

1. Before use, wipe the umbilical cord blood cryopreservation solution medium with 75% alcohol.
2. Prepare umbilical cord blood cell suspension (remove red blood cells).
3. Slowly add cryopreservation medium to the cell suspension at a 1:4 ratio (medium: cell suspension). Gently mix them well, and then transfer them to a low-temperature bottle.
4. Transfer the freezing tube or bag to a programmed cooling device (approximately 1 °C/minute).
5. Store in liquid nitrogen.