

Cryopreservation Solution for Umbilical Cord Blood

Product Introduction:

This product is produced according to GMP standards, registered in NMPA, and tested by various cell culture. Disposable consumables are used to avoid cross contamination. The main components of this cryopreservation are 55% dimethyl sulfoxide (DMSO) and 5% dextran. Source of raw materials is certified to meet the standards of the United States Pharmacopoeia (USP Grade).



Product 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.

Application: Used for the preservation of umbilical cord blood stem cells.

Product Information: F201-20/20ml
F201-100/100ml

❖ Medical Device Record No.: Sutaixiebei20200847
❖ National Medical Products Administration (NMPA) Medical Device Document Registration No.: M2022018-000

Shelf Life: 3 years

Instruction for Use:

- 1) Before use, wipe the umbilical cord blood cryopreservation solution medium with 75% alcohol.
- 2) Prepare umbilical cord blood cell suspension (removing red blood cells).
- 3) Slowly add umbilical cord blood cryopreservation solution to the cell suspension in the ratio of 1 cord umbilical cord blood cryopreservation to 4 cord cell suspension medium. 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) and store it in liquid nitrogen.