

Cord Blood Cryopreservation Solution

Product Overview:

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.

Features:

- Chemically defined product.
- The raw materials are imported from USA and in compliance with the USP Grade standards.
- Production according to cGMP regulations.
- Sterile, endotoxin and pyrogen-free, mycoplasma testing, and cell culture testing.



Instructions for use:

- I) Before use, wipe the cord blood cryopreservation solution vials with 75% alcohol.
- II) Prepare cord blood cell suspension (red blood cells removed).
- III) Slowly add cord blood cryopreservation solution to the cell suspension in the ratio of 1:4, and mix well gently.
- IV) Transfer the cryopreservation tube (or cryopreservation bag) to the program cooler (1 degree/min).

Shelf life: 3 years

Storage: -150°C to -80°C .

References:

1. Rubinstei, P; Dobrila, L, et.al. Processing and cryopreservation of placental/umbilical cord blood for unrelated bone marrow reconstitution. Proc Natl Acad Sci U S A. 1995, 92(22): 10119–10122.
2. Elmoazzen, H; Holovati, JL. Cord Blood Clinical Processing, Cryopreservation, and Storage. Methods MolBiol 2015, 1257:369-79