

Cryopreservation Solution Specialized for MSC

Product Introduction:

Mesenchymal Stem Cell cryopreservation is a cell preservation reagent with no animal or human derived substances, no protein, and fully limited chemical composition, with a DMSO content of 5%.

Specialized for:

Cryopreservation of mesenchymal stem cells from different sources.

Product Features:

- Ready to use, stable storage, and convenient.
- Clear chemical composition (Xeno-free, no protein, defined composition).
- High cell recovery rate >90% or above.
- Can be stored directly at -80°C for a long time, also can be stored in the liquid nitrogen.
- **Please be noted, no need for a programmed cooling process from -80°C to liquid nitrogen.**



Product Information: F108-20/20ml F108-100/100ml

- ❖ Medical Device Record No.: Sutaixiebei2010213570
- ❖ National Medical Products Administration (NMPA) Medical Device Document Registration No.: M2023015-001

- ❖ The followings are the cell line preservation and recovery rates confirmed in the experiment (for reference only):

Cell Line	Storage Conditions/Time	Cell Viability Rate after Recovery
Mesenchymal Stem Cells (From human adipose)	-80 °C, >18 months	>90% (93%)
Mesenchymal Stem Cells (From human adipose, immortalized strain)	-80 °C, >18 months	>90% (96%)
Mesenchymal Stem Cells (From human umbilical cord)	-80 °C, >18 months	>90% (98%)
Mesenchymal Stem Cells (From human amniotic membrane)	-80 °C, >18 months	>90% (97%)

Note: After cell recovery, count with trypan blue staining and verify the viability rate repeatedly. The results in parentheses represent a typical cell viability result after recovery.