Cell Freezing Medium (2x)

Catalog	Unit Size
TBS8018	50 mL

DESCRIPTION

Cell Freezing Medium (CFM) is used for the cryopreservation of cells in vitro. This product contains DMSO, Fetal Bovine Serum(FBS) and other intra- and extra-cellular protectants to further increase the viability of cells during the cryopreservation process.

APPLICATION

Cell Cryopreservation

PACK SIZE

1x 50mL/bottle

STORAGE

Store at -20°C for 2 years.

PROCEDURES

Precaution:

Cryopreservation may compromise cell quality and performance. Performance of the cells cannot be guaranteed after cryopreservation.

Procedures

1. Harvest cells and spin them down.
2. Resuspend cells in cold CFM at a density of ~500,000 to 2,000,000 cells/ml. Work quickly; once exposed to DMSO, cells become very fragile.
3. Pipette 1 ml into each freezing vial and tighten the cap.
4. Place the cells (vials) in a Styrofoam® or propanol freezing canister and store them at - 80ºC overnight.
5. Within 12-24 hours, transfer the cells into LN2 freezer for long-term storage. Cells will be compromised by prolonged storage at -80ºC.

RELATED PRODUCTS

MSC Medium (TBS8021)
DMEM Medium (TBS8061)
Chondrogenic Differentiation Medium (TBS8062)
RPMI-1640 Medium (TBS8063)
Hybridoma Growth Medium (TBS8074)
DMEM-F12 Mixture (TBS8083)
F12K Medium (TBS8032K)
F12 Medium (TBS8032)
F10 Medium (TBS8033)
MCDB153 Medium (TBS8034-500)
ESC/iPSC-qualified FBS (TBS8002)
Adipocyte Differentiation Cocktail (TBS8017)
0.1% Gelatin Solution (TBS8004)
2x HBS, pH7.05 (TBS5076)
Cell Culture Grad Water (TBS5050)
LB Medium (TBS8056)
SOB Medium (TBS8057)
SOC Broth Medium (TBS8058)
2xYT Broth Medium (TBS8059)