



**Cell Freezing Medium
(CFM)**
Catalog #0133

Product Description

Cell Freezing Medium is designed for the cryopreservation of most human and animal cells *in vitro*. It is sterile and has a pH of 7.2 at room temperature. This product contains DMSO, Fetal Bovine Serum and other intra- and extra-cellular protectants to further increase the viability of cells during the cryopreservation process.

Product Use

CFM is for research use only. It is not approved for human or animal use, or for application in *in vitro* diagnostic procedures.

Storage

Store the CFM at -20°C. Once thawed, the product may be stored at 4°C for up to one month.

Shipping Dry

ice.

Procedure

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

- 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 -80°C overnight.
- 5) Within 12-24 hours, transfer the cells into LN₂ freezer for long-term storage. Cells will be compromised by prolonged storage at -80°C.

Caution: If handled improperly, some components of this product may present a health hazard. Take appropriate precautions when handling this product, including the wearing of protective clothing and eyewear. Dispose of properly.