

Product Data Sheet

Freezing Media Pair

Catalog Number: 0406

Product Description

The Freezing Media Pair is a two reagent used to cryopreserve suspensions of viable cells detached from monolayer cultures using the "cold trypsinization method with PET. Cells which have been cryopreserved in this medium have been shown to have good viability upon reconstitution. This media pair has been used extensively to cryopreserve human prostate and breast cell lines grown in serum-free media.

Suggested Use

To cryopreserve cells, centrifuge the cell suspension. Resuspend the cells at 4×10^6 cells/ml in ice-cold Freezing Medium A. Slowly add an equal volume of ice-cold Medium B to the cell suspension. Mix well. Transfer 1ml aliquots of the cell suspension to pre-cooled cryovials. Freeze slowly using an automatic controlled rate (1°C per minute) freezer to -90°C . (Alternatively, place the cryovials inside a styrofoam rack and place the rack in a -80°C mechanical freezer for 24 hours.) In either case, transfer the frozen vials to a liquid nitrogen freezer (vapor phase) for permanent storage.

Recommended Storage

Storage: This product is supplied frozen. Store at -70°C or -80°C .
Stability at 4°C : 3 months
pH: 7.7 – 7.9 for 1:1 mixture of Medium A and Medium B
Unit size: 50ml (25ml of Medium A and 25ml of Medium B)

Composition

Medium A: 10% heat inactivated FBS, 100 $\mu\text{g/ml}$ gentamycin in Leibovitz L-15 medium
Medium B: 7.5% DMS, 10% FBS in Leibovitz L-15 medium



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Ordering Information

Cat. No.	Description	Unit Size
0406	Freezing Media Pair	50 ml (25 ml each component)

Material Safety Data

FOR RESEARCH USE ONLY. NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. Do not ingest, swallow or inhale. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. For complete safety information see full Material Safety Data Sheet.