

FreezeMe

Cryopreservation Media

Save Your Cells With Cryopreservation

FORMULATIONS FOR RELIABLE CELL RECOVERY

Cryopreservation is a critical step in the maintenance and reproducibility of cell-based experiments. Depending on the application, different cell types demand different levels of protection and definition. Capricorn Scientific offers two optimized cryopreservation solutions to support high post-thaw viability and consistent results:

- » **FreezeMe 1** is a serum-based cryopreservation medium suitable for a wide range of cell lines
- » **FreezeMe 2** is a protein-free, serum-free cryopreservation medium developed for sensitive cell types such as primary cells, or stem cells.

EXPLORE CAPRICORN SCIENTIFIC'S CRYOPRESERVATION SOLUTIONS

FreezeMe One

Routine cryopreservation of several common cell types

✓ RECOMMENDED FOR

Established formulation with 10% DMSO & 20% FBS

✓ COMPOSITION

- Ready-to-use solution
- Robust performance for standard cell lines
- Cost-efficient, high-quality alternative with pretested FBS

✓ KEY FEATURES

FreezeMe Two

Cryopreservation of sensitive and stem-like cell types

Advanced, protein-free formulation with 10% DMSO

- Ready-to-use, serum-free solution
- For sensitive cells and defined protocols
- Reduced variability in long-term studies

RELIABLE CELL RECOVERY: FROM CHO TO PBMCs

To evaluate the performance of FreezeMe One and FreezeMe Two, five cell types with varying sensitivity to cryopreservation were tested against a commercially available competitor product. Cells were frozen using standardized protocols and stored in liquid nitrogen. After 7 days, they were thawed under identical conditions. Post-thaw viability was determined after 24 hours of recovery.

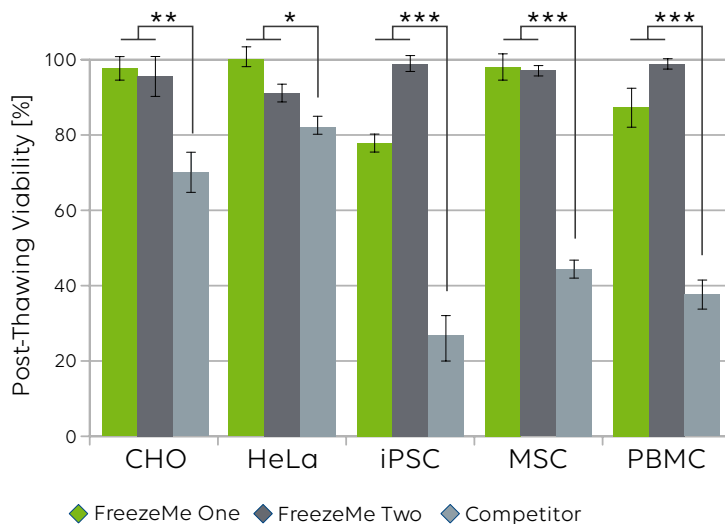


Fig. 1 Viability of different cell types after cryopreservation in FreezeMe One (green), FreezeMe Two (dark gray), or a competitor medium (light gray). Error bars: SD; n = 3; *p < 0.05, **p < 0.01, ***p < 0.001



CRYOPRESERVATION WITH UP TO 99% POST-THAWING VIABILITY

- » Both media outperformed the competitor across all cell types tested
- » FreezeMe One supported high viability in robust cell lines like CHO and HeLa
- » FreezeMe Two achieved the best results in sensitive and primary cells, including iPSCs, MSCs, and PBMCs

ORDER INFORMATION

PRODUCT

FreezeMe One
Cryopreservation Medium
with Fetal Bovine Serum

VOL. CAT.NO.

50 ml FM1-F

FreezeMe Two

Cryopreservation Medium, Serum-free

50 ml FM2-F



For further support, feel free to contact our experts at techservice@capricorn-scientific.com or phone (+49 6424 944 64 0).

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