



Thermo Scientific
HyClone HyCryo and HyCryo-STEM
Cryopreservation Media

Innovation in cryopreservation

advancing cell recovery and post thaw growth



Thermo Fisher Scientific delivers worldwide market-leading cryopreservation solutions. From sample collection, storage and tracking, our portfolio offers best-in-class results for long-term storage of your samples.

NOW, with Thermo Scientific™ HyCryo™ and HyCryo-STEM™ cryopreservation media you can store your samples with even more confidence, knowing that our proven media design advances the recovery, viability and post-thaw growth of your precious cells.

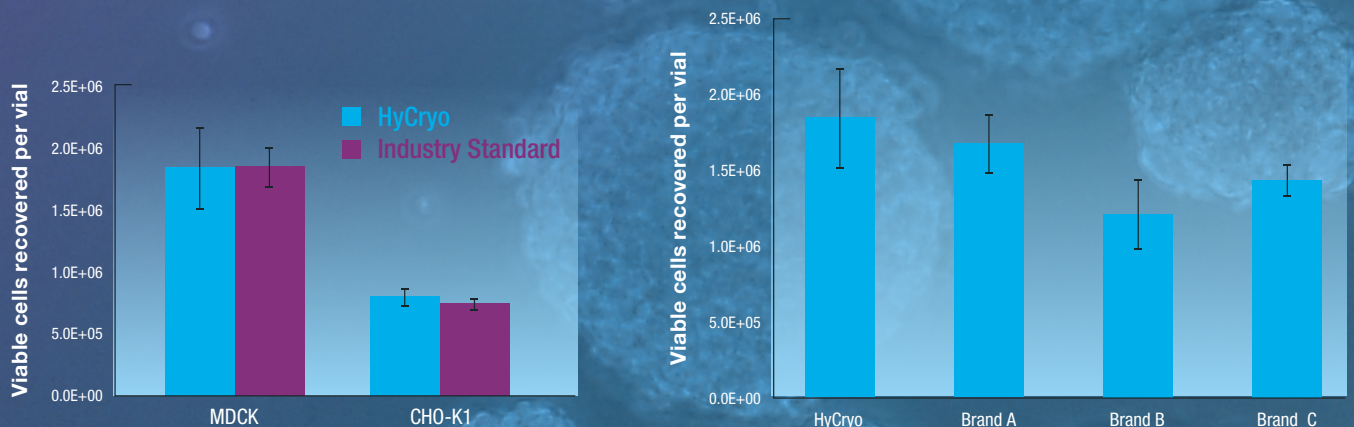
Superior recovery for standard cell lines.

Animal origin-free and serum-free

Thermo Scientific HyCryo media

Animal origin free cryopreservation media for general use

HyCryo media is a serum-free, animal origin-free product intended for cryogenic and preservation storage for your standard cell lines. HyCryo gives the recovery that you want from your cells with the peace of mind from knowing that your precious cells are faithfully preserved for your future research. Using HyCryo media yields increased recovery of viable cells versus results from other cryopreservation media alternatives.



Designed specifically for stem cell storage

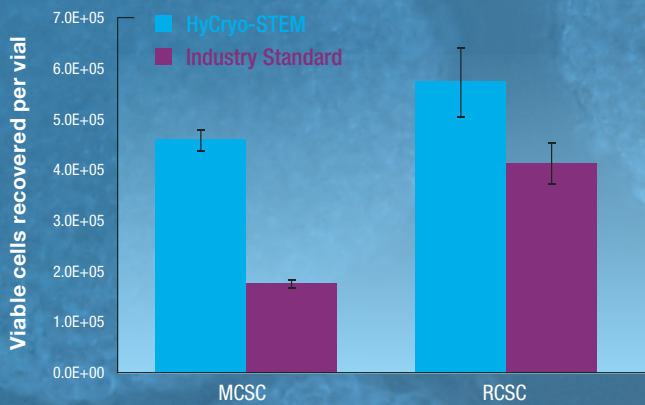
Serum-free formulation minimizes spontaneous differentiation

Thermo Scientific HyCryo-STEM

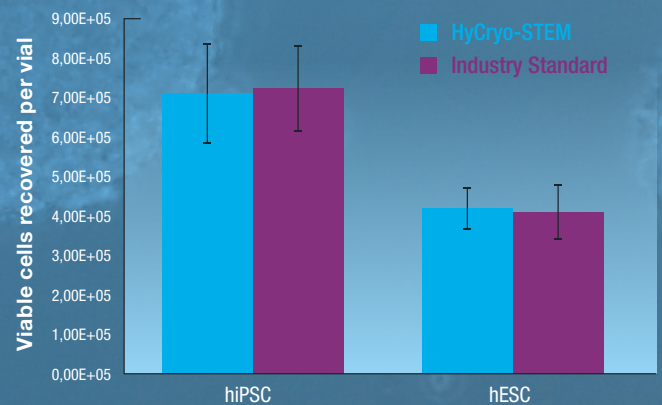
HyCryo-STEM provides impressive cell recovery and post-thaw growth of pluripotent stem cells (ESC and iPSC) and neural progenitor cells such as mouse cortical stem cells (MCSCs) and rat cortical stem cells (RCSCs).

The serum-free formulation maintains differentiation potential and minimizes spontaneous differentiation of stem cells.

Post-Thaw Recovery

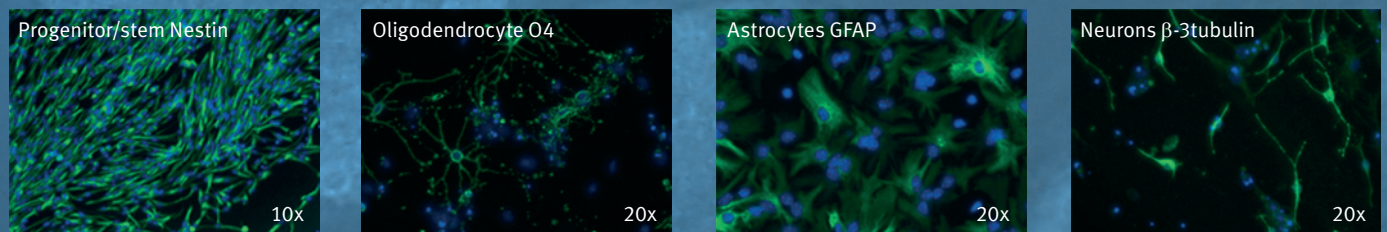


HyCryo-STEM has greater recovery of viable neural progenitor stem cells compared to industry standard cryopreservation media (growth media containing 10% DMSO). Mouse cortical stem cells (MCSCs) are grown in adherent culture and rat cortical stem cells (RCSCs) are grown in neurosphere culture prior to freeze.

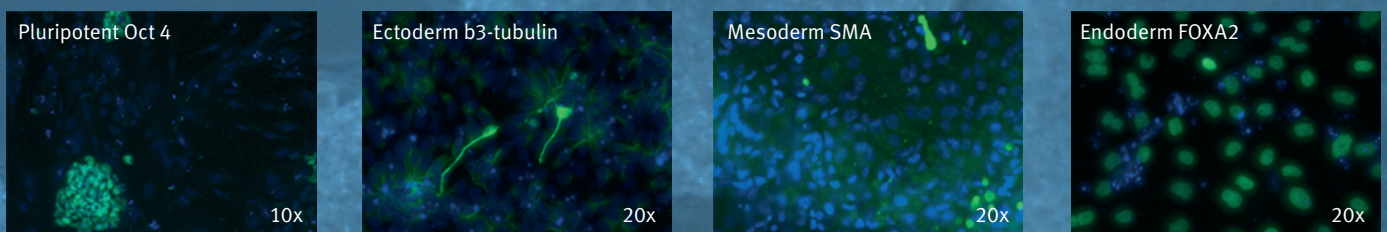


HyCryo-STEM achieves similar recovery of viable human stem cells compared to the industry standard cryopreservation media (a cocktail of 25% serum replacement and 10% DMSO).

Post-Thaw Differentiation



HyCryo-STEM maintains tripotency of neural progenitor stem cells post-thaw. Staining of mouse cortical stem cells grown as a monolayer and differentiated post-thaw demonstrate that cells frozen in HyCryo-STEM retain their stemness.



HyCryo-STEM maintains differentiation potential of human stem cells post-thaw. Human ES cells grown on MEFs post-thaw retained their pluripotency and were successfully differentiated into the 3 germ layers.

Ordering info

Thermo Scientific HyCryo and HyCryo-STEM Cryopreservation Media

Product

Product	Description	Size	Cat. No.
HyCryo	Cryopreservation media for general use	100 mls	SR3000102
HyCryo-Stem	Cryopreservation media for stem cells	100 mls	SR3000202

Thermo Scientific Nalgene Cryogenic Tubes

Featuring external thread style/closure, conical style bottom, sterile and white space for writing

Quantity per pack/case	Size, mL	Cat. No.
25/500	1.0	03-337-7X
25/500	1.2	03-337-7C
25/500	1.5	03-337-7Y
25/500	2.0	03-337-3D
10/250	5.0	03-337-7H
5/75	15	03-337-7B

Thermo Scientific Mr. Frosty

Product	Size, mL	Cat. No.
Mr. Frosty freezing container for 1 – 2 mL tubes; holds 18 tubes	1-2	15-350-50
Mr. Frosty freezing container for 3.6 mL tubes; holds 12 tubes	3.6	15-35050A
Mr. Frosty freezing container for 4.5 – 5 mL tubes; holds 12 tubes	4.5-5	15-350-50B

Featuring Thermo Scientific
Cryopreservation media, tubes
and related **storage products.**



thermoscientific.com/hycryo

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