

DID YOU KNOW

RECOVERY MEDIUM PROVIDES IMPROVED CELL RECOVERY AND VIABILITY AFTER THAWING?



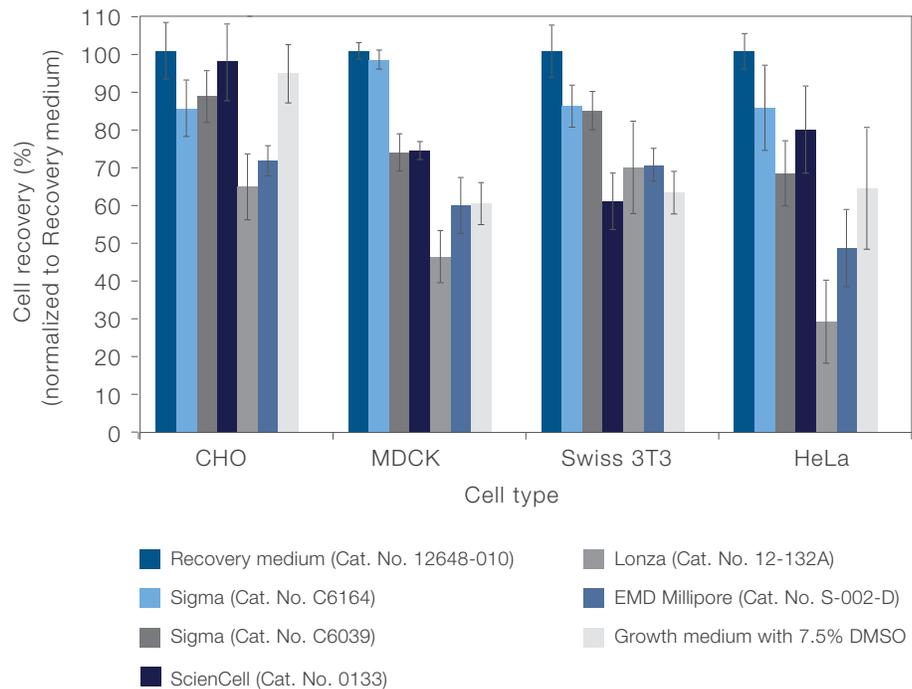
Make the connection

Recovery Cell Culture Freezing Medium

Whenever you are banking precious cells, make sure they are ready to get back to work when you are. Gibco™ Recovery™ Cell Culture Freezing Medium is a complete cryopreservation technology for mammalian cell culture, offering:

- **Improved cell recovery**—increased viability after thawing from cryostorage
- **Faster results**—more viable cells so you can start your experiments sooner
- **Ready-to-use freezing mix**—no need to combine multiple products
- **Added safety**—no need to handle and mix DMSO

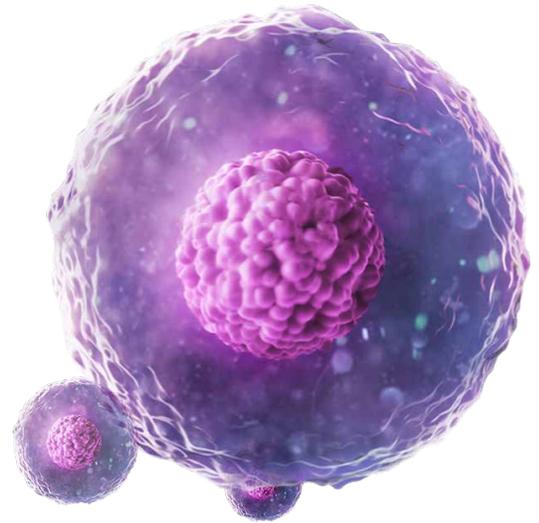
Additionally, Recovery Cell Culture Freezing Medium can be used to freeze most mammalian cells cultured in DMEM, DMEM/F-12, MEM, RPMI 1640, and Ham's F-12 media.



Comparative analysis of Recovery Cell Culture Freezing Medium vs. currently available cryopreservation technologies. For each of four different cell lines (i.e., CHO, MDCK, Swiss 3T3, HeLa), the same number of cells were frozen into each of seven different cryopreservation media. Upon thawing, each cell sample was diluted into the same volume of a growth medium and seeded in 12-well plates. The initial seeding densities were 2.3×10^4 cells/well for adherent cell lines, and 6.0×10^5 cells/well for non-adherent cell lines, based on cell counts determined at the cryopreservation step. When the leading culture for a particular cell line had reached late log growth and none of the other cultures from that cell line had passed peak density, all cultures for that cell line were harvested and the data were analyzed. Thus, different cell lines were analyzed on different days: CHO, day 6; MDCK, day 6; Swiss 3T3, day 5; and HeLa, day 6. Cell recovery of replicate cultures from different cryopreservation media were normalized to Recovery Cell Culture Freezing Medium and plotted (average normalized recovery \pm standard error).

Ordering information

Product	Quantity	Cat. No.
Recovery Cell Culture Freezing Medium	50 mL	12648-010



Learn more at thermofisher.com/recovery

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