



Neural Cell Freezing Medium

Catalog #: NCFM001

Size: 20 ml

Storage: Store the medium at 2-8°C short term and -20°C long term

Format: Liquid

GENERAL INFORMATION

Neural Cell Freezing Medium is qualified for use with Human neural cell lines, it is optimized to allow for consistent cryopreservation and high viability upon thawing and plating.

Product is for Research use only. Our products are not authorized for human use, in vitro diagnostic procedures, or for therapeutic procedures.

Storage Condition: Store the medium at 2-8°C short terms and -20°C long term. Item is shipped with gel packs.

Note: To ensure sterility after 2 weeks or if there is concern that sterility was compromised during the supplementation process, the prepared medium may be re filtered with a 0.2 um filter.

CYROPRESERVATION PROTOCOL

1. Thaw cell culture freezing medium completely and mix well by gently swirling bottle. Keep freezing medium on ice during use.
2. Cells to be frozen should be in late log phase growth.
3. Monolayers will need to be dissociated. After dissociation, cells are resuspended in Neural Cell Basal Medium and counted to determine viability and number.
4. Centrifuge cells at 300 xg for 3 min. Remove the medium above the pellet.
5. Resuspend the cells in Neural Cell Freezing Medium at a concentration of $\sim 4 \times 10^6$ cells/ml. Freeze 1 ml of cells/vial. After the cells have been resuspended and aliquoted into appropriate cryogenic storage vials, they can be placed in a freezing container and the normal freeze down procedure should be started within five minutes.
6. Cells must be stored at or below -80°C. For long term storage the cells should be stored in ultra-low temperature freezer (-150°C) or in liquid nitrogen (-196°C).

FOR RESEARCH USE ONLY

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