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Neural StemCell Growth Medium for Mouse Neural Stem Cells

Neural Stem Cell Complete Growth medium contains glutamine but no antibiotics. After all the components are added to the basal medium and filtered to ensure sterility, the media is complete and ready to use for expansion of mouse neural progenitor cells. Mouse NSCs grow best when cultured in a humidified incubator set at 6% CO_2, 5% O_2 at 37°C.

Making Mouse Neural StemCell Complete Growth Medium

1. Neural StemCell Growth medium (Cat.# 2102-250) includes the following components:
    a. Neural StemCell Basal Medium
    b. Neural StemCell Supplement Pack containing the following components:

Supplement Pack Components
Neural StemCell Growth Base Supplement (contains glutamine)
Laminin
bFGF
Proprietary Factor

Preparing Giga NSP-Gro™ Medium

1. Warm Neural StemCell Growth basal medium to room temperature
2. Thaw Neural StemCell Growth Supplement and growth factors
3. Aseptically add the supplements to the basal medium in this order
    a. Neural StemCell Growth Supplement - transfer entire contents of the vial then rinse the vial with Neural StemCell Growth basal medium
    b. Growth factors and proprietary factor
4. Antibiotics are optional and not included in the supplement pack
5. Filter through 0.22µm filter unit
6. Store the complete medium at 4°C in the dark until ready for use
7. Warm the complete medium to room temperature immediately before use.
    a. Do not leave the complete medium in a water-bath for longer than 5 minutes as this may result in degradation of the growth factors and glutamine
8. Use Neural StemCell Growth complete medium within two weeks

Use Restrictions: The Products and components of the Products are to be used for RESEARCH PURCHASES ONLY and are not for use in humans or animals. No rights expressed or implied are conveyed by the sale of the Products to make, have made, offer to sell or sell the Products alone or in combination with any other products or to use for commercial purposes without PhoenixSongs' prior written consent.