

N2 Supplement-B



For neural and pancreatic differentiation of mouse and human ES and iPS cells

Catalog # 07156

5 mL

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Product Description

This product has been developed as a media supplement recommended for use in the in vitro differentiation of mouse embryonic stem (ES) cells and mouse induced pluripotent stem (iPS) cells to neural cell types. May be suitable for other applications.

Properties

- Storage:** Store at -20°C.
- Shelf Life:** Stable until expiry date (EXP) on label.
- Contains:**
- Recombinant human insulin
 - Human apo-transferrin (iron-poor)
 - Sodium selenite
 - Putrescine
 - Progesterone
 - Other ingredients

This product contains material derived from human plasma. Donors have been tested and found negative for HIV-1 and -2, hepatitis B, and hepatitis C prior to donation. However, this product should be considered potentially infectious and treated in accordance with universal handling precautions.

Handling / Directions For Use

NOTE: Protect N2 Supplement-B from prolonged exposure to light.

PREPARATION OF COMPLETE ES-CULT™ MEDIUM

1. Thaw N2 Supplement-B at room temperature (15 - 25°C) for 1 hour. Mix well.

NOTE: Once thawed, use supplement immediately or aliquot and store at -20°C. Do not exceed the shelf life of the supplement.

2. Add 5 mL of N2 Supplement-B to 500 mL of ES-Cult™ Basal Medium-A (Catalog #05801).

NOTE: If not used immediately, store complete ES-Cult™ Medium at 2 - 8°C for up to 2 weeks.

Notes and Tips

RELATED PRODUCTS

For related products, including specialized cell culture and storage media, supplements, antibodies, cytokines, and small molecules, visit www.stemcell.com/hPSCNCworkflow or contact us at techsupport@stemcell.com.

References

Lee S-HH et al. (2000) Efficient generation of midbrain and hindbrain neurons from mouse embryonic stem cells. *Nat Biotechnol* 18(6): 675–9.

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