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iNeuraGro Xpan™ Medium Kit

Cat. No. TM207

Product Description

iNeuraGro Xpan™ Medium Kit is a ready-to-use neural stem cell expansion medium designed to support robust proliferation and maintenance of high-quality neural progenitor populations.

Key benefits include:

- Stable cell viability and morphology across multiple passages
- Optimized nutrients and growth factors for reproducible results

Components

Cat No.	Product	Quantity
Basal Medium 4	BM004-500	500 ml
iNXMK Supplement 1	TM207-1	5.25 ml
iNXMK Supplement 2	TM207-2	1.05 ml
B27 Supplement (50X), without Vitamin A	SM005-10	10.5 ml

Storage and Stability

- Store Basal Medium 4 & iNXMK Supplement 1 at 2–8°C
- Store B27 Supplement (50X), without Vitamin A & iNXMK Supplement 2 at -20°C
- Once combined, complete medium can be stored at 2–8°C for up to 2 weeks

Quality Control

- Sterility tested and performance validated using relevant cell models

Protocol

1. Thaw each reagent at room temperature (15-25°C) or overnight in the fridge (2-8°C).
2. Aseptically in a biosafety cabinet, remove 16 ml of basal medium from the bottle, and discard.
3. Then add the specified volume of each supplement, as shown in the table below, to the bottle of basal medium and mix thoroughly.

Note: Supplement addition may alter the medium's appearance, making it look slightly opaque. The complete growth media may be supplemented with an antibiotic of choice.

Cat. No.	Product	Quantity
Basal Medium 4	BM004-500	484 ml
iNXMK Supplement 1	TM207-1	5 ml
iNXMK Supplement 2	TM207-2	1 ml
B27 Supplement (50X), without Vitamin A	SM005-10	10 ml

Caution: For research use only. Not intended for therapeutic or diagnostic applications.