



## AB2™ Neural Progenitor Expansion Media Kit (Cat# hNP7013.2)

FOR RESEARCH USE ONLY

### Kit Contents

- 1 x 500ml bottle of AB2™ Basal Neural Medium (Part# 7011.3)
- 2 x 5ml vials of ANS™ Neural Medium Supplement (Part# 7011.4)

### Required but not Supplied

- bFGF (50 µg/ml)
- L-Glutamine (200 mM)

### Optional but not Supplied

- Penicillin (5,000 U/ml)/Streptomycin (5,000 µg/ml)
- LIF (10 µg/ml)

### Unpacking and Storage Instructions

- Upon arrival, store the AB2™ Basal Neural Medium at 2-8°C protected from light.
- Upon arrival, store ANS™ Neural Medium Supplement at -20°C.
- After supplements are thawed, use within one month.
- Do not refreeze.

### Supplementing the AB2™ Basal Neural Medium

1. Decontaminate the external surfaces of all supplement vials and the medium bottle with ethanol or isopropanol.
2. Aseptically open each supplement vial and add the amount indicated below to the basal medium with a pipette.

#### **To make 100 ml of complete medium:**

AB2™ Basal Neural Medium	96 ml
ANS™ Neural Medium Supplement	2 mL
bFGF	40 µl
L-Glutamine	1 mL
Penicillin/Streptomycin (optional)	1 mL
LIF (10 µg/ml)	100 µl

3. Supplemented medium should be stored at 2-8°C, protected from light. The complete medium should be given a 2 week expiration date. Dispense the complete medium into aliquots to avoid repeated heating prior to each use.

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