

HEPARIN SOLUTION, 0.2%

Catalog #07980

2 mL per vial

PRODUCT DESCRIPTION:

Heparin is a mucopolysaccharide with anticoagulant properties. Heparin supports the binding of Fibroblast Growth Factor (FGF) to its receptor and increases the stability of FGF. Heparin is used together with Epidermal Growth Factor (EGF) and FGF in culture of rat and human neural stem and progenitor cells.

This product contains 0.2% (2 mg/mL) Heparin sodium salt in PBS.

STABILITY/STORAGE:

0.2% Heparin solution should be stored at 2 - 8°C. Avoid freezing.

Stable for 2 years from date of manufacture at 2 - 8°C.

Contents guaranteed sterile if seal is not tampered with.

DIRECTIONS FOR USE:

Use with the human and rat NeuroCult® NS-A Proliferation Kits (#05751-Human and #05771-Rat) for the growth and expansion of neural stem and progenitor cells.

This product is used in conjunction with rh FGF-b (#02634) and added when adding rh FGF-b to the culture medium. Add 10 µL of Heparin to 10 mL of medium to achieve a final concentration of 2 µg/mL (0.0002%). For complete instructions refer to the NeuroCult® Technical Manual for Human (#28724) or Rat (#28725) available on our website at www.stemcell.com. Alternatively, contact a Technical Representative at 1-800-667-0322 (North America Only) to request a manual.

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NOT FOR DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**