

Hydrocortisone Stock Solution



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Cell culture supplement

Catalog #07925 3 mL
#07926 10 x 3 mL

Product Description

Hydrocortisone Stock Solution is recommended for use as a cell culture supplement and for the preparation of PneumaCult™, MammoCult™, and EpiCult™ media when culturing airway epithelial cells, mammary primary cells, or tumor cell lines. Hydrocortisone Stock Solution is provided at a concentration of 96 µg/mL, which is ideal as a 200X stock solution for preparing the following media:

- PneumaCult™-Ex Medium (Catalog #05008)
- PneumaCult™-Ex Plus Medium (Catalog #05040)
- PneumaCult™-ALI Medium (Catalog #05001)
- PneumaCult™-ALI-S Medium (Catalog #05050)
- PneumaCult™ Airway Organoid Kit (Catalog #05060)
- PneumaCult™ Apical-Out Airway Organoid Medium (Catalog #100-0620)
- MammoCult™ Medium (Human; Catalog #05620)
- EpiCult™-B Medium (Human; Catalog #05601)
- EpiCult™-C Medium (Human; Catalog #05630)

Properties

Storage: Store at -20°C.

Shelf Life: Stable for 2 years from date of manufacture (MFG) on label.

Contains:

- C₂₅H₃₃O₈Na (molecular weight: 484.5 g/mol) at a concentration of 2 x 10⁻⁴ M
- Other ingredients

Directions for Use

Hydrocortisone Stock Solution may be shipped with either dry ice or ice packs, and may be received thawed. Store at -20°C immediately upon receipt, or aliquot and store at -20°C as indicated below.

Thaw Hydrocortisone Stock Solution at room temperature (15 - 25°C) or overnight at 2 - 8°C.

NOTE: If not used immediately, aliquot and store at -20°C. Do not exceed the shelf life of the product. Once aliquots are thawed, do not re-freeze.

NOTE: If precipitation is observed, warm in a 37°C water bath and occasionally mix by vortexing until precipitate is fully dissolved. Precipitation will not affect performance.

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