

Human Epithelial Cell Medium

Catalog Number:	HECM001
Size:	500ml
Storage:	2-8°C

Caution: Proper precautions must be taken to avoid exposure. Always wear proper protective equipment (Gloves, safety glasses, etc.) when handling these materials. We recommend following the universal procedures for handling products of human or animal origin as the minimum precaution against contamination. The listed dilutions are for recommendation only and the ender users should optimize the final conditions.

Product Description

Epithelial Cell Medium is a complete medium formulated for optimal growth of normal human epithelial cells in vitro. Our media consists of 500 ml of basal medium, 10 ml of fetal bovine serum, and 5 ml of epithelial cell growth supplement. It is a sterile, liquid medium which contains essential and non-essential amino acids, vitamins, organic and inorganic compounds, hormones, trace minerals and a low concentration of fetal bovine serum (2%).

The medium is bicarbonate buffered and has a pH of 7.4 when equilibrated in an incubator with an atmosphere of 5% CO₂/95% air. The medium is formulated (quantitatively and qualitatively) to provide a defined and optimally balanced nutritional environment that selectively promotes proliferation and growth of normal human epithelial cells in vitro.

Storage Condition: The human epithelial cells growth media is stored at 4°C. A change in color or appearance of precipitate may indicate deterioration.

Use of Growth Medium for culturing cells:

1. Take necessary volume of growth media and warm it a 37°C in a water bath or incubator.
2. Avoid frequent temperature changes to the entire bottle of the medium.
3. We recommend medium changing every 2 to 3 days for regular cell expansion culture.

FOR RESEARCH USE ONLY

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