

## Epithelium Complete Culture Medium

**Cat:** E0045

**Storage:** -30~-5°C, Store away from light, Valid for 1 year.

### Introduction:

Epithelium complete culture medium is specially designed for human epithelial cells or other mammalian epithelial cells in vitro culture. The medium is serum-free and has been supplemented with recombinant human insulin, recombinant human transferrin, hydrocortisone, no animal-derived ingredients, no other additives, and no trophoblast cells. It can be used for the culture of a variety of tissue derived epithelial cells, such as human bronchial epithelial cells, human corneal epithelial cells, human cervical epithelial cells, human prepuce cells, canine kidney cells (MDCK), African green monkey kidney cells (VERO), bovine kidney cells (MDBK), cat kidney cells (CRFK), etc.

Epithelium complete culture medium is the end use product for filtration and sterilization. Please thaw it slowly at 2~8°C in a dark environment before use, and preheat it in a water bath at 37°C before use. The defrosted culture medium can be placed in a light free environment of 2~8°C for 7 days. If it is not used at one time after thawing, it should be packaged and stored away from light at -30~-5°C to avoid repeated freezing and thawing.

Epithelium complete culture medium uses sodium bicarbonate as a pH buffer system in the culture process and needs to be cultured in air containing 5% carbon dioxide.

### Product Parameters:

1. Appearance (trait): Light pink liquid
2. Source: Non-animal source
3. Endotoxin:  $\leq 3$ EU/mL
4. Osmotic pressure: 270-340mOsm/kg
5. pH: 7.0-7.4
6. Serum addition: No serum addition required
7. Condition of culture: 37°C, 5-10% CO<sub>2</sub>
8. Cell type: Epithelial cells

### Note:

1. If the biochemical reagents produced by our company are not specially marked, they are basically non-sterile packaging. If they are used in cell experiments, please pre-treat them in advance.
2. Once the solution is prepared, please pack it separately and store it to avoid product failure caused by repeated freezing and thawing.
3. Product information is for reference only, if you have any questions, please call 400-968-6088 for consultation.
4. This product is for scientific research only. Do not use for medicine, clinical diagnosis or treatment, food and cosmetics. Do not store in ordinary residential areas.
5. For your safety and health, please wear a lab coat, disposable gloves and a mask.