

## Endothelial Cell Complete Culture Medium

**Cat:** E0035

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

### Introduction:

Endothelial cell complete culture medium is a complete culture medium specially designed for human and other mammalian vascular endothelial cells in vitro. The medium contains no serum, has been supplemented with recombinant human insulin, recombinant human transferrin, hydrocortisone, and contains no animal-derived ingredients, no other additives, and no trophoblast cells. The medium has been optimized for the in vitro culture and proliferation of human and other mammalian vascular endothelial cells, such as human umbilical vein endothelial cells (HUVECs).

Endothelial cell complete culture medium is an end-use product for filtration and sterilization. Thaw slowly at 2~8°C in a dark environment before use, and preheat in a water bath at 37°C before use. After thawing, the medium can be placed in a dark 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.

Endothelial cell complete culture medium uses sodium bicarbonate as a pH buffer system during 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: Endothelial 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.