

**Complete Human Endothelial Cell Medium /w Kit – 500 ML**

Catalog Number: H1168  
(500 ml Basal medium with the growth factor supplement)

**Description**

Human Endothelial Cell Medium is a complete medium designed for the culture of human endothelial cells. It was tested and optimized with human endothelial cell growth and proliferation *in vitro*. It is formulated for use with 5% CO<sub>2</sub> and 95% air in a humidified incubator.

The medium consists of 500 ml of basal medium (containing essential and non-essential amino acids, vitamins, organic and inorganic compounds, hormones, growth factors, trace minerals), supplemented with endothelial cell growth supplement, antibiotics, and fetal bovine serum.

Endothelial Cell Medium Supplement Kit, Cat. No. H1168-Kit includes:

- 0.5 ML VEGF
- 0.5 ML Heparin
- 0.5 ML EGF
- 0.5 ML FGF
- 0.5 ML Hydrocortisone
- 5.0 ML L-Glutamine
- 5.0 ML Antibiotic-Antimycotic Solution
- 10.0 ML Endothelial Cell Supplement
- 50.0 ML FBS

\*Before use, add H1168 Supplement Kit (H1168-Kit) into 500ml basal medium.

**Storage Condition**

Store the basal medium at 2-8°C. Store endothelial cell growth supplement, fetal bovine serum (FBS) and antibiotics at -20°C. The complete cell culture medium with Supplement Kit can be kept in 4°C for two months. Protect from light.

Note: To assure sterility after 2 weeks or if there is concern that sterility was compromised during the supplementation process, the prepared medium may be refiltered with a 0.2 um filter.

**Shipping**

Ice pack and dry ice.

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