

## Endothelial Cell Media, Complete Set B

Cell Culture Medium

**Catalogue Number:** CM001K2

**Components:**

Cat.: #	Description	Pack Size
CM001	Endothelial Cell Basal Media	500 mL
<i>Supplement Kit</i>		
CC106-500UG	Ascorbic Acid	500 ul
CC107-5UG	Fibroblast Growth Factor (basic), human, recombinant	500 ul
CC102-2.5UG	Epidermal Growth Factor, human, recombinant	50 ul
CC112-2KU	Heparin	400 ul
CH006-100UG	Hydrocortisone	100 ul
CC105-5UG	IGF-1	50 ul
CC108-500NG	Vascular Endothelial Growth Factor, human, recombinant	50 ul
	Fetal Calf Serum (自备)	10 ml

**Description:** The Endothelial Cell Basal Medium is a sterile liquid culture medium for culturing various endothelial cell types. A complete medium, optimized for endothelial growth, is produced by adding the contents in Supplement Kit. It is possible to produce a growth medium suited to your needs by adding your own supplements. This medium with the Supplement Kit added is optimized for initial seeding densities of 5,000 cells / cm<sup>2</sup> (10,000 cells / cm<sup>2</sup> for HUVEC) up to confluence. Feederlayer, matrix substrates or other substances are not necessary.

**Formulation:** Ready-to-use, sterile filtered.

**Osmolality:** 290±15 mOsm

**pH:** 7.3±0.2

**Pack Size:** 500 ml

**Storage/Stability:** The basal medium can be stored between 4°C and 8°C up to 1 year. The growth supplement has to be stored at -20°C for long-term stability. The complete medium needs to be stored in the dark at 4°C and can be kept for 8 weeks.

**Procedure of preparation:**

- ◇ Thaw the Supplement Kit at room temperature.
- ◇ Open the basal medium in a cell culture hood.
- ◇ Transfer the Growth Supplements with a pipette to the medium.
- ◇ Close the bottle and mix the medium by gentle swirling.

*\*Preparing the amount to be used is highly recommended.*

**FOR RESEARCH USE ONLY, NOT FOR USE IN DIAGNOSTIC AND THERAPEUTIC PROCEDURES**



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