

## Endothelial Cell Medium (ECM)

Cat. No. : CM-ZY001

Size: 500mL

### General Information

<b>Product Form</b>	Liquid
<b>Concentration</b>	1 ×
<b>Size</b>	500mL
<b>The proportion of complete medium preparation</b>	90% Basic Culture Medium for Endothelial Cells + 5% Nutrient for Endothelial Cells + 4% Supplement for Endothelial Cells + 1% Additive for Endothelial Cells
<b>Bacterial detection</b>	Negative
<b>Fungal detection</b>	Negative
<b>Mycoplasma detection</b>	Negative
<b>Cells growth experiment</b>	The cells grow well and have a normal morphology
<b>Endotoxin level</b>	< 3 EU/mL
<b>Storage</b>	Store at the temperature indicated on the label, shading light
<b>Shipping</b>	Ice bag

### Background

ECM has been meticulously optimized by the Pricella's technical team. After long-term testing, this product can maintain the best growth state of endothelial cells. This product already contains all the components required for the growth of endothelial cells. If added in the recommended proportion, no other components need to be added and it can be directly used for the in vitro culture of endothelial cells. This product is for further research use only and must not be used for diagnosis, treatment, clinical, household or any other purpose.

### Components of the culture medium

Components	Volume	Storage	Expiration date
Basic Culture Medium for Endothelial Cells	500mL	2-8°C, shading light	12 months
Nutrient for Endothelial Cells	25mL	-5~-20°C, shading light	60 months
Supplement for Endothelial Cells	20mL	-5~-20°C, shading light	12 months
Additive for Endothelial Cells	5mL	-5~-20°C, shading light	12 months

Supplement for Endothelial Cells, containing(part):	Volume	Final Concentration in Complete Medium	Storage
EGF	25 µL	5 ng/mL	-5~-20°C, shading light
FGF basic	25 µL	5 ng/mL	-5~-20°C, shading light
IGF	75 µL	15 ng/mL	-5~-20°C, shading light
Ascorbic Acid	0.5 mL	50 µg/mL	-5~-20°C, shading light
GlutaMAX	15 mL	6 mM	-5~-20°C, shading light
Hydrocortisone Hemisuccinate	5 µL	10 ng/mL	-5~-20°C, shading light

### Note

1. It is necessary to pay attention to the aseptic operation and avoid the contamination during the culture.
2. Nutrient for Endothelial Cells, supplement for Endothelial Cells and Additive for Endothelial Cells should be stored at the temperature indicated on the label. It can be used after dissolving at 2-8°C. To avoid repeated freezing and thawing, it is recommended to store it in small quantities after subpackaging.
3. This product is packaged in a single component form. It needs to be prepared into a complete culture before use. The validity period of the complete culture medium is 3 months.
4. In order to maintain the best use effect of this product, it should not be placed in room temperature or high temperature environment for a long time.
5. All products should be used within their expiration dates. Once the expiration date is exceeded, they must be discarded.
6. This product is only for scientific research or further research use, not for diagnosis and treatment.