

Endothelial Cell Medium (ECM)

Cat. No. : CM-ZY001

Size : 500mL

General Information

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

Background

ECM has been meticulously optimized by the Procell'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	Volume	Final Concentration in	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	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.