

Epithelial Cell Medium (EpiCM)

Cat. No. : CM-ZY002

Size : 500mL

General Information

Product Form	Liquid
Concentration	1×
Size	500mL
The proportion of complete medium preparation	90% Basic Culture Medium for Epithelial Cells + 5% Nutrient for Epithelial Cells + 4% Supplement for Epithelial Cells + 1% Additive for Epithelial 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

EpiCM has been meticulously optimized by the Procell's technical team. After long-term testing, this product can maintain the best growth state of epithelial cells. This product already contains all the components required for the growth of epithelial 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 epithelial 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 Epithelial Cells	500mL	2-8°C, shading light	12 months
Nutrient for Epithelial Cells	25mL	-5~-20°C, shading light	60 months
Supplement for Epithelial Cells	20mL	-5~-20°C, shading light	12 months
Additive for Epithelial Cells	5mL	-5~-20°C, shading light	12 months

Supplement for Epithelial Cells, containing(part):	Volume	Final Concentration in Complete Medium	Storage
EGF	50µL	10 ng/mL	-5~-20°C, shading light
L-Glutamine	9.6mL	0.7 mg/mL	-5~-20°C, shading light
Ascorbic Acid	1mL	0.1 mg/mL	-5~-20°C, shading light
Hydrocortisone Hemisuccinate	5mL	10 µg/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 Epithelial Cells, supplement for Epithelial Cells and Additive for Epithelial 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.

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