Smooth Muscle Cell Medium (SMCM)

Cat. No. : CM-ZY006

Size: 500mL

General Information

Product Form	Liquid
Concentration	1×
Size	500mL
The proportion of complete medium preparation	92% Basic Culture Medium for Smooth Muscle Cells + 5% Nutrient for Smooth Muscle Cells (for Human and Rat) + 2% Supplement for Smooth Muscle Cells (for Human and Rat) + 1% Additive for Smooth Muscle Cells
Bacterial detection	Negative
Fungal detection	Negative
Mycoplasmal 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

SMCM has been meticulously optimized by the Pricella's technical team. After long-term testing, this product can maintain the best growth state of Smooth Muscle Cells (for Human and Rat). This product already contains all the components required for the growth of Smooth Muscle Cells (for Human and Rat). 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 Smooth Muscle Cells (for Human and Rat). 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 Smooth Muscle Cells	500mL	2-8℃, shading light	12 months
Nutrient for Smooth Muscle Cells (for Human and Rat)	25mL	-5~-20℃, shading	60 months
Supplement for Smooth Muscle Cells (for Human and Rat)	10mL	-5~-20℃, shading	12 months
Additive for Smooth Muscle Cells	5mL	-5~-20℃, shading	12 months

Supplement for Smooth Muscle Cells (for Human and Rat), containing(part):	Volume	Final Concentration in Complete Medium	Storage
EGF	50μL	1 ng/mL	-5~-20℃, shading light
FGF basic	100μL	2 ng/mL	-5~-20℃, shading light
Insulin	250μL	5 μg/mL	-5~-20℃, shading light

Note

1. It is necessary to pay attention to the aseptic operation and avoid the contamination during the culture.
2. Nutrient for Smooth Muscle Cells (for Human and Rat), Supplement for Smooth Muscle Cells (for Human and Rat) and Additive for Smooth Muscle Cells should be stored at the temperature indicated on the label. It can be used after dissolving at 2-8℃. 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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