
Complete Smooth Muscle Cell Medium (Glucose and Phenol Red Free) /w Kit – 500 ML

Catalog Number: M2268GPF
(500 ml Basal medium with the growth factor supplement)

Description

Smooth Muscle Cell Medium (Glucose and Phenol Red Free) is a complete medium designed for the culture of smooth muscle cells. It was tested and optimized with smooth muscle cell growth and proliferation *in vitro*. It is formulated for use with 5% CO₂ and 95% air in a humidified incubator.

The medium consists of 500 ml of basal medium (containing essential and non-essential amino acids, vitamins, organic and inorganic compounds, hormones, growth factors, trace minerals), supplemented with cell growth supplement, antibiotics, and fetal bovine serum.

Smooth Muscle Cell Medium (Glucose and Phenol Red Free) Supplement Kit, Cat. No. M2268GPF-Kit includes:

- 0.5 ML Insulin
- 0.5 ML EGF
- 0.5 ML FGF
- 0.5 ML Hydrocortisone
- 5.0 ML L-Glutamine
- 5.0 ML Antibiotic-Antimycotic Solution
- 50.0 ML FBS

*Before use, add M2268GPF Supplement Kit (M2268GPF-Kit) into a 500ml basal medium.

Storage Condition

Store the basal medium at 2-8°C. Store smooth muscle cell growth supplement, fetal bovine serum (FBS) and antibiotics at -20°C. The complete cell culture medium with Supplement Kit can be kept at 4°C for two months. Protect from light.

Note: To assure sterility after 2 weeks or if there is concern that sterility was compromised during the supplementation process, the prepared medium may be refiltered with a 0.2 um filter.

Shipping

Ice pack and dry ice.

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