



Smooth Muscle Growth Medium

Catalog #: SMCM002

Size: 500ml

Storage: Store the medium at 2-8°C.

GENERAL INFORMATION

Smooth Muscle Growth Medium 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 Growth Medium are subjected to comprehensive quality control tests using primary human cells. Each lot is checked for growth-promoting activity, adherence rate, and typical morphology of the tested cells. Approved in-house lots of Smooth Muscle Growth Medium are used as a reference. In addition, every lot of media is tested for the absence of microbial contaminants (fungi, bacteria, mycoplasma).

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 μ m filter.

**Smooth Muscle Growth Media must be used for in vitro research purposes only. Our products are not authorized for human use, for in vitro diagnostic procedures, or for therapeutic procedures.*

Shipped in a Dry Ice Package.

FOR RESEARCH USE ONLY

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