

## Supplement kit for smooth muscle cell growth medium, FCS

Cat.-Nr.: 215 0601

contains of:

Basal media	Supplements
-	222 1000 L-Glutamine 231 2500 FCS (foetal calf serum) 243 0025 human rec. EGF (epidermal growth factor) 245 0100 human rec. bFGF (basic fibroblast growth factor) 246 0250 human rec. Insulin 236 0350 Antibiotics (optional)

### Maintenance of supplement kit for smooth muscle cell growth medium:

The supplements are delivered on dry ice. Store the **supplements** at **-20°C**.

### Characteristics:

The Provitro supplement kit for smooth muscle cell growth medium is suitable for culturing of human smooth muscle cells (HSMC) **after adding the supplement kit components to 500 ml basal medium**. The formulation is optimized for initial seeding of 4,000 cells / cm<sup>2</sup> up to confluence (approx. 90 %). Feeder-layer, matrix substrates or other substances are not necessary. **Due to the possibility of reduced proliferative activity we recommend to use the antibiotic supplement for freshly isolated cells only.**

### Stability and storage:

Store the **supplements** at **-20°C**. Do not use the supplements after expiring date.

### Special note:

Avoid any thaw/freeze cycle.

### Quality control:

Provitro's supplement kit for smooth muscle cell growth medium is thoroughly tested after each production. All components are tested in a stringent biological assay. Each batch is checked for HSMC proliferating characteristics. The cells cultured in smooth muscle cell growth medium are checked regarding their morphology, the adherence rate, the colony forming efficiency and the population doubling time.

## In vitro laboratory use only.

**Not intended for any human or animal diagnostic or therapeutic use.**