

Supplement kit for skeletal muscle cell differentiation medium, serum-free

Cat.-Nr.: 217 0603

contains of:

Basal media	Supplements
-	222 1000 L-Glutamine 246 0500 human rec. Insulin 236 0350 Antibiotics (optional)

Maintenance of supplement kit for skeletal muscle cell differentiation medium:

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

Characteristics:

The Provitro supplement kit for smooth muscle cell differentiation medium is suitable for culturing of Provitro human skeletal muscle cells (HSKMC) **after adding the supplement kit components to 500 ml basal medium**. The formulation is optimized for initial seeding of 4,000 cells / cm² 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 skeletal muscle cell differentiation medium is thoroughly tested after each production. All components are tested in a stringent biological assay. Each batch is checked for HSKMC proliferating characteristics. The cells cultured in skeletal muscle cell differentiation 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.