

Supplement kit for microvascular endothelial cell growth medium, FCS-kit

Cat.-Nr.: 215 0102

contains of:

Basal media	Supplements
-	222 1000 L-Glutamine 231 2500 FCS (foetal calf serum) 233 0600 ECGS/H (endothelial cell growth supplement / Heparin) 243 0050 human rec. EGF (epidermal growth factor) 224 0050 Hydrocortisone 236 0350 Antibiotics (optional)

Maintenance of supplement kit for microvascular endothelial cell growth medium:

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

Characteristics:

The Provitro supplement kit for microvascular endothelial cell growth medium is suitable for culturing Provitro human microvascular endothelial cells **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 supplement kit for microvascular endothelial cell growth medium is thoroughly tested after each production. All components are tested in a stringent biological assay. Each batch is checked for HMVEC proliferating characteristics. The cells cultured in microvascular endothelial 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.