

Supplement kit for melanocyte growth medium, serum-free

Cat.-Nr.: 217 0502

contains of:

Basal media	Supplements
-	222 1000 L-Glutamine 234 2600 BPE 245 0050 human rec. bFGF (basic fibroblast growth factor) 224 0025 Hydrocortisone 246 0250 human rec. Insulin 235 0500 PMA 236 0350 Antibiotics (optional)

Maintenance of supplement kit for melanocyte growth medium:

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

Characteristics:

The Provitro supplement kit for melanocyte growth medium is suitable for culturing human melanocytes (HMEL) **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. 75 %). 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 melanocyte growth medium is thoroughly tested after each production. All components are tested in a stringent biological assay. Each batch is checked for HMEL proliferating characteristics. The cells cultured in melanocyte 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.