

## Defined fibroblast maintenance medium, serum-free

Cat.-Nr.: 203 0401

contains of:

Basal media		Supplements	
200 0403	500 ml Defined fibroblast maintenance medium, basal	219 0401	Fibroblast maintenance Supplement-Mix, serum-free
		236 0350	Antibiotics (optional)

### Maintenance of defined fibroblast maintenance medium:

Place the bottle of **basal medium** in the dark at **4°C to 8°C** immediately after delivery. Store the **supplements** at **-20°C**.

### Characteristics:

The Provitro defined fibroblast maintenance medium is a sterile liquid culture medium w/o serum for **maintenance culturing** of human fibroblasts (HFIB). The medium is delivered as a basal medium and is suitable for culturing Provitro HFIB after adding the supplement mix components. The formulation is optimized for initial seeding of 6,000 cells / cm<sup>2</sup>. Feeder-layer, matrix substrates or other substances are not necessary. **We recommend using the antibiotic supplement for freshly isolated cells only.**

### Stability and storage:

The supplemented defined fibroblast maintenance medium can be stored in the dark at 4°C to 8°C for up to 1 month. Do not heat the medium over 37°C or use uncontrollable sources of heat (e.g. microwave appliances). If only a part of the medium is to be used, remove this amount from the bottle and heat it.

### Special note:

Do not freeze the medium. This can lead to high salt concentrations by freezing out pure water which will cause irreversible damage.

### Quality control:

Provitro's defined fibroblast maintenance medium is thoroughly tested after each production. All components are tested in a stringent biological assay. The cells cultured in defined fibroblast maintenance medium are checked regarding their morphology, the adherence rate, the colony forming efficiency and the population doubling time.

### Product specification:

The pH is set at 7.6 and osmolality at 285 ± 10 mOsm / kg.

## In vitro laboratory use only.

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