Provitro AG
Charité Campus Mitte

Charitéplatz 1
10117 Berlin

tel +49.30.450 578 358
fax +49.30.450 578 919

sales@provitro.de
www.provitro.de

Defined fibroblast maintenance medium, serum-free kit

Cat.-Nr.: 213 0401

contains of:

Basal media		Supplements	
200 0403	500 ml Defined fibroblast maintenance medium, basal	222 1000	L-Glutamine
		245 0050	human rec. bFGF (basic fibroblast growth factor)
		246 0250	human rec. Insulin
		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 kit components. The formulation is optimized for initial seeding of 6,000 cells / cm². 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.