

Cancer stem cell medium, serum-free

Cat.-Nr.: 213 1001

contains of:

Basal media	Supplements
200 1001 500 ml Cancer stem cell medium, basal	222 1000 L-Glutamine 204 3100 BIT-100 Supplement 236 0350 Antibiotics (optional)

Maintenance of cancer stem cell medium:

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

Characteristics:

The Provitro cancer stem cell medium is a sterile liquid culture medium for culturing human cancer stem cells. The medium is delivered as a basal medium and is suitable for culturing human cancer stem cells after adding the supplement mix components. The formulation is optimized for initial seeding of 6,000 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 any antibiotic supplement for freshly isolated cells only.**

Stability and storage:

The supplemented cancer stem cell 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 cancer stem cell medium is thoroughly tested after each production. All components are tested in a stringent biological assay. Each batch is checked for human cancer stem cell proliferating characteristics. The cells cultured in cancer stem cell 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.