

## MCDB 151

**CAT N°** : L1203

**Theoretical pH** :  $7.5 \pm 0.3$

**Osmolality** : 329 mOsm/kg  $\pm 10 \%$

**Colour** : slightly pink solution

**Storage conditions** : +2°C to +8°C in the dark

**Shelf life** : 12 months

**Sterility tests :**

- Bacteria in aerobic and anaerobic conditions
- Fungi and yeasts

**Endotoxin** : < 10 EU/ml

**Cell growth test :**

Medium tested for the ability to support MRC-5 cell growth

**Composition** : Displayed on website; also available on request

**Recommended use :**

- Respect storage conditions of the product
- Do not use the product after its expiry date
- Store product in an area protected from light (not necessary for saline solutions).
- Manipulate the product in aseptic conditions (e.g. : under laminar air flow)
- Wear clothes adapted to the manipulation of the product to avoid contamination (e.g. : gloves, mask, hygiene cap, overall...)

The product is intended to be used in vitro, in laboratory only. Do not use it in therapy, human or veterinary applications.

**Applications :**

MCDB media were designed for the low-protein or serum-free growth of specific cell types using :

- Hormones and growth factors
- or low levels of dialyzed fetal bovine serum proteins.

MCDB 151 is a modification of the medium Ham's F-12, designed for the growth of human keratinocytes cells using low levels of dialyzed FBS or no serum protein.

**Uses :**

Supplements, such as serum or antibiotics, should be added as sterile supplements to the medium. Storage conditions and shelf-life of supplemented product will be affected by the nature of the supplements.

**Signs of Deterioration :**

Medium should be clear and free of particulate and flocculent material. Do not use if medium is cloudy or contains precipitate.

Other evidence of deterioration may include pH change, colour change or degradation of physical or performance characteristics.