

## Schneider's Drosophila Medium

**CAT N°** : L0207

**Theoretical pH** :  $6.5 \pm 0.3$

**Osmolality** : 330 mOsm/kg  $\pm 10\%$

**Colour** : Yellow, clear solution

**Storage conditions** : +2°C to +8°C

**Shelf life** : 12 months

**Sterility tests** :

- Bacteria in aerobic and anaerobic conditions
- Fungi and yeasts

**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.

**Description** :

The Schneider's Drosophila Medium was developed by Dr. Schneider to support the growth and development of imaginal discs of *Drosophila melanogaster*. The medium was then used to obtain cell lines from embryos of *Drosophila*. When the medium is supplemented with 5-20% fetal calf serum heat inactivated, it can support cell growth in *Drosophila* spp. as well as other Diptera.

**Uses** :

Supplements, such as 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.

**Indications of deterioration** :

This solution should be clear and free of particulate and flocculent material.

Do not use if the solution is cloudy or contains precipitate.

Other evidence of deterioration may include degradation of physical or performance characteristics.