

## OLIGODENDROCYTE PRECURSOR CELL MEDIUM KIT

### OPCM

---

<b>Product Type:</b>	Oligodendrocyte Precursor Cell Medium
<b>Catalog Number:</b>	P60159

---

#### **Product Description**

Oligodendrocyte Precursor Cell Medium (OPCM) is a complete medium designed for optimal growth of normal human oligodendrocyte precursor cells *in vitro*. It is a sterile, liquid medium which contains essential and non-essential amino acids, vitamins, organic and inorganic compounds, hormones, growth factors and trace minerals. The medium is serum-free. It is bicarbonate buffered and has a pH of 7.4 when equilibrated in an incubator with an atmosphere of 5% CO<sub>2</sub>/95% air. The medium is formulated (quantitatively and qualitatively) to provide a defined and optimally balanced nutritional environment that selectively promotes growth of normal human oligodendrocyte precursor cells *in vitro*.

#### **Components**

-  500 ml of Basal Medium
-  5 ml of **OPCGS** (Oligodendrocyte Precursor Cell Growth Supplement)
-  5 ml of penicillin/streptomycin solution (P/S solution)

#### **Prepare for use**

Thaw OPCGS and P/S solution at 37°C. Gently tilt the OPCGS tube several times during thawing to help the contents dissolve. **Make sure the contents of the supplement are completely dissolved into solution before adding to the medium.** Rinse the bottle and tubes with 70% ethanol, and then wipe to remove excess. Remove the cap, being careful not to touch the interior threads with fingers. Add OPCGS and P/S solution into basal medium in a sterile field, mix well and then the reconstituted medium is ready for use. Since several components of this medium are light-labile, it is recommended that the medium not be exposed to light for lengthy periods of time. If the medium is warmed prior to use, do not exceed 37°C. When stored in the dark at 4°C, the reconstituted medium is stable for one month.

#### **Product Use**

THESE PRODUCTS ARE FOR RESEARCH USE ONLY. Not approved for human or veterinary use, for application to humans or animals, or for use *in vitro* diagnostic or clinical procedure