

Oligodendrocyte Growth Medium

Catalog number	OGM
Format	Liquid medium
Qty/Size	50 ml
Description	Oligodendrocyte Growth Medium is a serum-free, chemically defined medium supporting the growth and expansion of oligodendrocyte progenitor cells (OPCs). The medium is fully supplemented with defined growth factors, sodium bicarbonate, L-glutamine, antibiotics and phenol red and ready for use.
Application	Oligodendrocyte Growth Medium is specially formulated to support the growth and survival of oligodendrocyte progenitor cells (OPCs) derived from mouse, rat or human brain. It allows the expansion of NG2+A2B5+O4+GalC- MAD-derived (MAD-O , P.Glia) OPCs on PL dishes (PL-D , P.Glia) for 2-3 weeks in culture (see OPC Kit Manuals for further details). It can also be used for the generation of NG2 glia/OPCs from human neural progenitors. The medium should be changed every 2-3 days.
Storage/Stability	Oligodendrocyte Growth Medium is stable for 12 months when stored at -20°C until use. Cell culture media should always be thawed overnight at 2-8°C. Thawed medium is stable for 2 weeks when stored in the dark at 2-8°C. For extended storage, freeze in working aliquots and store at -20°C. Avoid repeated freezing and thawing.
Quality control	P.Glia Oligodendrocyte Growth Media are routinely tested in mouse brain-derived OPC cultures.
Product use	For research use only. Not for diagnostic and therapeutic use in humans or animals.
Limitations	This product should not be used beyond the indicated expiration date.

Note If thawed during shipment, the activity of Oligodendrocyte Growth Medium remains unaffected if stored immediately at the adequate temperature. If the medium is not going to be used within one week, freeze again in working aliquots at -20°C.