

Oligodendrocyte Survival & Differentiation Medium

Catalog number	OSDM
Format	Liquid medium
Qty/Size	30 ml
Description	Oligodendrocyte Survival & Differentiation Medium is a unique serum-free medium supporting the survival and terminal differentiation of mouse, rat or human brain-derived oligodendrocyte progenitors or immature cells. When cultured in OSDM for 3-6 days, oligodendrocytes express myelin-specific glycolipids (sulfatides, galactocerebrosides) and proteins (CNPase, MOG, MBP, PLP). The medium is fully supplemented with defined components and neuronal factors, sodium bicarbonate, L-glutamine, antibiotics and phenol red and ready for use.
Application	Oligodendrocyte Survival & Differentiation Medium is specially formulated to support the survival and differentiation of oligodendrocyte progenitor cells (OPCs) derived from mouse, rat or human brain into mature oligodendrocytes. The medium should be changed every 2-3 days.
Storage/Stability	Oligodendrocyte Survival & Differentiation 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 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 Survival & Differentiation 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.
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