

Neuronal Growth Medium

Catalog number	NGM
Format	Liquid medium
Qty/Size	50 ml
Description	Neuronal Growth Medium is a serum-free, chemically defined medium supporting the growth and expansion of cortical neurons/ progenitors from neonatal mouse or rat brain. The medium is fully supplemented with defined growth factors, sodium bicarbonate, L-glutamine, antibiotics and phenol red and ready for use.
Application	Neuronal Growth Medium is specially formulated to support the growth and survival of cortical neurons derived from neonatal mouse or rat brain. It allows the expansion of L1+TUJ-1-A2B5-MAD-derived (MAD-N , P.Glia) neuronal progenitors on PL dishes (PL-D , P.Glia) within 2 days in culture (see CN Kit Manuals for further details). It can also be used for the generation of cortical neurons from human neural progenitors. The medium should be changed every 2-3 days.
Storage/Stability	Neuronal 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 Neuronal Growth Media are routinely tested in mouse brain-derived neuronal 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 Neuronal 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.
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