

Basal Support Medium

Catalog number	BSM
Format	Liquid medium
Qty/Size	100 ml
Description	Basal Support Medium is a serum replacement-containing medium used during different steps of tissue dissociation and neural cell isolation from primary tissues. BSM composition has been formulated to support the survival of all neural cell types of the mammalian brain. The medium is supplemented with sodium bicarbonate, L-glutamine, antibiotics and phenol red.
Application	The medium is designed for use during all steps of tissue preparation or cell isolation prior to cell culture in serum-free media (as described in P.Glia Cell Isolation Kits). This medium can also be used for mixed neural cell cultures derived from mouse or rat brain, primary glial cells (astrocytes, microglia) and glial cell lines. When used as a culture medium, cells must be cultured in a humidified 37°C, 5% CO ₂ incubator and medium should be changed every 3 days.
Storage/Stability	Basal Support 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 1 month 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 media are routinely tested in cultures of primary neural cells.
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 Basal Support 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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