

Multiple Adhesion Dish (for neurons)

Catalog number	MAD-N
Qty/Size	4 x 95 mm
Description	Multiple Adhesion Dish (for neurons) is a sterile, ready-to-use cell culture dish containing multiple cell binding sites for different cellular receptors. The MAD surface is specially formulated to promote the adhesion of different cell types and of different adhesive strength, from weak (of the target cell type) to very strong. MAD-N has been developed for the rapid isolation and expansion of cortical (in combination with Neuronal Growth Medium, NGM) or hippocampal neurons (in combination with Hippocampal Neuron Growth Medium, HNGM) from neonatal mouse, rat or fetal human brain tissue/ human neural stem cells.
Application	<p>MAD-N, in combination with NGM (Neuronal Growth Medium) or HNGM (Hippocampal Neuron Growth Medium) supports the rapid growth of neuronal progenitors from neonatal mouse or rat brain. After one day in culture, proliferating cortical neurons (maintained in NGM) or hippocampal neurons (maintained in HNGM) can easily be detached from the MAD-N surface and collected by centrifugation. For detailed protocol, see CN-K and HN-K Manuals. MAD-derived cortical or hippocampal neurons can be further expanded in neuronal growth media (NGM for cortical neurons, HNGM for hippocampal neurons) and used for further studies on neuronal function including co-cultures with oligodendrocytes in combination with P.Neural-plus medium. MAD-N can also be used for cortical neuron growth and selection from human neural progenitor cells.</p> <p>MAD-N can be used in combination with the following P.Glia products: Mild Dissociation Solution (MDS), Cell Dissociation Solution 3 (CDS-3), Basal Support Medium (BSM), Neuronal Growth Medium (NGM), Hippocampal Neuron Growth Medium (HNGM), P.Glia Defined Neural Medium plus (P.Neural-plus).</p>
Storage/Stability	Upon receipt, Multiple Adhesion Dishes should be immediately stored at -20°C until use. MAD-N are stable for 6 months at -20°C.
Quality control	MAD-N are routinely tested for the isolation of cortical neurons from neonatal mouse or rat brain.
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, freeze again at -20°C until use. No loss of activity!

All P.Glia dishes should be washed 2 x 10 min with sterile PBS before use.