

## CELLvo™ NeuroMatrix

### PRODUCT SPECIFICATION SHEET

NeuroMatrix is an extracellular matrix produced in vitro by primary human astrocytes. This product is composed of proteins secreted and assembled by astrocytes during cell culture. In vivo, astrocytes are the most abundant glial cell type and are essential for neuron survival. This astrocyte-derived extracellular matrix provides support for a variety of iPSC-derived and primary neural cell types in mono and co-culture, including cortical neurons, cortical astrocytes, microglia, spinal motor neurons, and neural stem cells. It can be used for a variety of applications, including excitotoxicity studies and neurite outgrowth. If you are working with imaging intensive applications such as confocal microscopy or fluorescence imaging, we recommend selecting product number NM-HPME-96GRU or NM-HPME-96IBD.



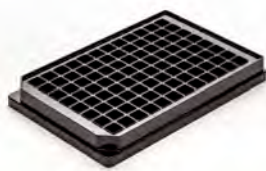
**Product Number:**  
**NM-HPME-24WP**  
24 well plate (sleeve of five)



**Product Number:**  
**NM-HPME-96WP**  
96 well plate (sleeve of five)



**Product Number:**  
**NM-HPME-96GRU**  
96 well plate (sleeve of five)  
*Black-walled, ultra-thin bottom*



**Product Number:**  
**NM-HPME-96IBD**  
96 well plate (sleeve of five)  
*Black walled, coverslip bottom*

**Product Use:** NOT FOR HUMAN USE. This product is for research use only. Not to be used for diagnostic or therapeutic applications.

**Presentation:** Dehydrated.

**Safety Information:** Wear appropriate protective eyewear, clothing, and gloves. Handle in accordance with established biosafety practices.

**Storage and Stability:** Store at 2-8°C and avoid extended exposure to light.

**Rehydration:** Prior to use, rehydrate using phosphate buffered saline or media then incubate for 1 hour at 37°C (0.5mL/well for 24wp, 200µl/well for 96 well plate). After 1 hour, remove the vessel from the incubator and wash 2x with PBS or media before seeding cells. Add cells in culture media. Continue with your normal workflow. Cells may be detached using standard disassociation solution.

The product may be covered in part or in whole by US Patent #'s 8,084,023; 8,388,947; 8,961,955; 9,617,511; EP2414511B1 Limited Use Label License: Research Use Only. The purchase of this product conveys to the purchaser the limited, nontransferable right to use the purchased amount of the product only to perform internal research for the sole benefit of the purchaser. No right to resell this product or any of its components is conveyed expressly, by implication, or by estoppel. This product is for internal research purposes only and is not for use in commercial applications of any kind, including, without limitation, quality control and commercial services such as reporting the results of purchaser's activities for a fee or other form of consideration. For information on obtaining additional rights, please contact [info@stembiosys.com](mailto:info@stembiosys.com) or StemBioSys®, Inc., 3463 Magic Drive, Suite 110, San Antonio, Texas 78229. Limited product warranty: StemBioSys® warrants that this product will be free of mechanical defects. If you have any questions about this product, please contact StemBioSys® at [info@stembiosys.com](mailto:info@stembiosys.com). Disclaimer-StemBioSys®, Inc and /or its affiliate(s) disclaim all warranties with respect to this document, expressed or implied, including but not limited to those of merchantability, fitness for a particular purpose, or non-infringement. To the extent allowed by law, in no event shall StemBioSys®, Inc and/or its affiliate(s) be liable, whether in contract, tort, warranty, or under any statute or on any other basis for special, incidental, indirect, punitive, multiple or consequential damages in connection with or arising from this document, including but not limited to the use thereof.

Milos Marinkovic, Travis J Block, Rubie Rakian, Qihong Li, Exing Wang, Matthew Reilly, David D Dean, X-D Chen. *One size does not fit all: Developing a cell-specific niche for in vitro study of cell behavior. Matrix Biology, 2016.*