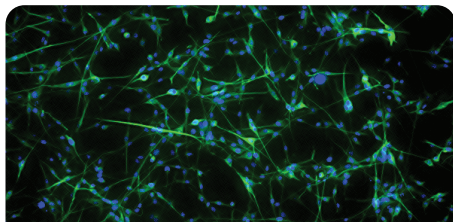


**NEW  
PRODUCT!**

# VitroGel® NEURON

for Advanced 2D & 3D Neuron Growth & Differentiation



## 2D Thin-Coating with VitroGel® NEURON Outperforms Animal-Based ECM



1:200

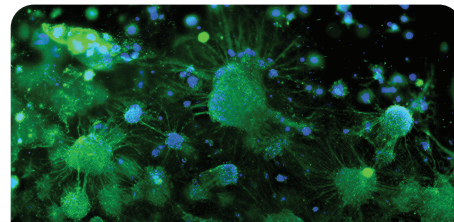
**200X Dilution**  
4X more usage than animal-based ECM.



**Long-Term Culture**  
Over 4 weeks of maintenance and post-differentiation culture.



**Easy and Fast Operation**  
No need to remove the coating solution, just seed cells directly.



## 3D Neuron Culture Made Easy with VitroGel® NEURON



**3D Neuron Differentiation**  
Supports both single cells and neuron spheroids.



**Excellent Cell-Cell Communication**  
Enhance cell extension and cell-matrix interactions.



**Imaging-Friendly**  
Transparent and directly staining within the hydrogel for high-quality image data.

## Key Benefits of VitroGel® NEURON:

The First Synthetic Hydrogel for 3D, 2D Neuron Culture



### Xeno-free and biofunctional

100% synthetic. Animal & human origin-free hydrogel.  
No growth factors or proteins in the gel solution.



### Stable at room temperature

Easy handling. No ice bucket required.  
Gelation is not temperature dependent.



### Supports 3D and 2D neuronal cell culture

Suitable for 3D and 2D culture of immortalized neuronal neuroblasts, iPSC-derived NSCs, neuron, and culturing of neural stem cells (NSCs) as single cells or neurospheres.



### Injectable hydrogel for cell therapy

VitroGel® NEURON's unique injectable properties make it an injectable carrier for neuron-based cell therapy, spinal cord injury repair, and other regenerative medicine applications.

Learn more about VitroGel® NEURON  
[thewellbio.com/VITROGEL-NEURON](http://thewellbio.com/VITROGEL-NEURON)



## Enhance your Neuron Culture with These Complementary Products:



### RocketCell™ NSC Xeno-Free Growth Medium

Cell culture media engineered to promote NSC growth and maintenance.

Cat No: RC01-GM



### VitroPrime™ Spread-Attach Plate

Supports exceptional 2D and 3D neuron growth.  
No PDL-coated plates required.

Plates Available: 6-well, 12-well, 24-well, 48-well, 96-well



### CytoGrow™ Growth Factors

Premium growth factors with research-friendly price for advanced 3D/2D cell culture and beyond.

Scan the QR code to view the complete list of growth factors.



### VitroGel® Organoid Recovery Solution

Non-enzymatic cell harvesting solution to recover cells or organoids from hydrogel or an animal-based ECM within 15 minutes.

Cat No: MS04-100



**TheWell**  
BIOSCIENCE



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