

# VitroGel® Starter Kit



Kickstart your 3D Cell Culture or Organoid Research

The **VitroGel® Starter Kit** contains our next generation xeno-free hydrogel and other complimentary products **for a complete workflow of 3D model establishment to downstream analysis with lab automation capability**. Ideal for 2D/3D cell culture, organoids, spheroids, co-culture, and PDX/CDX *in vivo* applications.

A few of the many applications supported by the VitroGel® Starter Kit:



3D Cell Culture



Organoids



Spheroids



Co-culture



PDX/CDX *in vivo*



HTS Automation



Cost-efficient solution to validate VitroGel® for your cell culture research.

**20  
MIN**

20 minute protocol.  
Easy-to-use, room temperature operation.



Batch-to-batch consistency for reproducible results.



## READY-TO-USE VITROGEL® STARTER KIT

This comprehensive kit contains:

- **VitroGel® Hydrogel Matrix or VitroGel® ORGANOID-3**  
ready-to-use, xeno-free (animal origin-free) hydrogel system
- **VitroGel® Organoid Recovery Solution**  
non-enzymatic cell/organoid harvesting solution
- **Cyto3D® Live-Dead Assay Kit**  
versatile live-dead assay kit for 3D and 2D Cell Culture, Organoids, Spheroids, Stem Cells
- **VitroPrime™ Spread Attach Plate**  
cell culture plate with unique surface treatment, for superior hydrogel spreading, adherence, and uniform surface

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

\*Ready-to-use VitroGel® Starter Kit is available in full and trial size.



## VITROGEL® HIGH CONCENTRATION STARTER KIT

This comprehensive kit contains:

- **VitroGel® High Concentration Hydrogels**  
xeno-free, tunable hydrogels that enable scientists to investigate the cell behaviors in response to an individual functional ligand
- **VitroGel® Dilution Solution**  
used for adjusting the hydrogel concentration
  - » **TYPE 1:** Contains sucrose to maintain the best osmolarity
  - » **TYPE 2:** Sucrose-free formulation for cells sensitive to the sugar level in the medium
- **VitroGel® Organoid Recovery Solution**  
non-enzymatic cell/organoid harvesting solution
- **Cyto3D® Live-Dead Assay Kit**  
versatile live-dead assay kit for 3D and 2D Cell Culture, Organoids, Spheroids, Stem Cells
- **VitroPrime™ Spread Attach Plate**  
cell culture plate with unique surface treatment, for superior hydrogel spreading, adherence, and uniform surface

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

## READY-TO-USE VITROGEL® STARTER KIT

VitroGel® Hydrogel Matrix Starter Kit (Trial Size)	VitroGel® ORGANOID Starter Kit (Trial Size)
<p><b>This kit contains:</b></p> <ul style="list-style-type: none"> <li>1 mL VitroGel® Hydrogel Matrix</li> <li>10 mL VitroGel® Organoid Recovery Solution</li> <li>50 µL Cyto3D® Live-Dead Assay Kit</li> <li>1 pack VitroPrime™ Spread-Attach Plate</li> </ul> <p>Choice of well-plate size: 6-well, 12-well, 24-well, 48-well, 96-well</p>	<p><b>This kit contains:</b></p> <ul style="list-style-type: none"> <li>1 mL VitroGel® ORGANOID-3</li> <li>10 mL VitroGel® Organoid Recovery Solution</li> <li>50 µL Cyto3D® Live-Dead Assay Kit</li> <li>1 pack VitroPrime™ Spread-Attach Plate</li> </ul> <p>Choice of well-plate size: 6-well, 12-well, 24-well, 48-well, 96-well</p>
<b>End User SRP: \$79</b>	<b>End User SRP: \$89</b>
VitroGel® Hydrogel Matrix Starter Kit (Full Size)	VitroGel® ORGANOID Starter Kit (Full Size)
<p><b>This kit contains:</b></p> <ul style="list-style-type: none"> <li>10 mL VitroGel® Hydrogel Matrix</li> <li>100 mL VitroGel® Organoid Recovery Solution</li> <li>1 mL Cyto3D® Live-Dead Assay Kit</li> <li>4 packs VitroPrime™ Spread-Attach Plate</li> </ul> <p>Choice of well-plate size: 6-well, 12-well, 24-well, 48-well, 96-well</p>	<p><b>This kit contains:</b></p> <ul style="list-style-type: none"> <li>10 mL VitroGel® ORGANOID-3</li> <li>100 mL VitroGel® Organoid Recovery Solution</li> <li>1 mL Cyto3D® Live-Dead Assay Kit</li> <li>4 packs VitroPrime™ Spread-Attach Plate</li> </ul> <p>Choice of well-plate size: 6-well, 12-well, 24-well, 48-well, 96-well</p>
<b>End User SRP: \$682</b>	<b>End User SRP: \$772</b>

## VITROGEL® HIGH CONCENTRATION STARTER KIT

VitroGel® High Concentration Starter Kit (TYPE 1)	VitroGel® High Concentration Starter Kit (TYPE 2)
<p><b>This kit contains:</b></p> <ul style="list-style-type: none"> <li>1 mL of each VitroGel® High Concentration (VitroGel® 3D, VitroGel® RGD, VitroGel® COL, VitroGel® MMP, VitroGel® IKVAV, VitroGel® YIGSR)</li> <li>50 mL VitroGel® Dilution Solution TYPE 1</li> <li>100 mL VitroGel® Organoid Recovery Solution</li> <li>1 mL Cyto3D® Live-Dead Assay Kit</li> <li>4 packs VitroPrime™ Spread-Attach Plate</li> </ul> <p>Choice of well-plate size: 6-well, 12-well, 24-well, 48-well, 96-well</p>	<p><b>This kit contains:</b></p> <ul style="list-style-type: none"> <li>1 mL of each VitroGel® High Concentration (VitroGel® 3D, VitroGel® RGD, VitroGel® COL, VitroGel® MMP, VitroGel® IKVAV, VitroGel® YIGSR)</li> <li>50 mL VitroGel® Dilution Solution TYPE 2</li> <li>100 mL VitroGel® Organoid Recovery Solution</li> <li>1 mL Cyto3D® Live-Dead Assay Kit</li> <li>4 packs VitroPrime™ Spread-Attach Plate</li> </ul> <p>Choice of well-plate size: 6-well, 12-well, 24-well, 48-well, 96-well</p>
<b>End User SRP: \$998</b>	

### Shelf Life and Storage Guidelines

Product	Shelf Life	Storage Conditions
VitroGel® Hydrogels	24 month	2-8°C
VitroGel® Organoid Recovery Solution	15 months	2-8°C
VitroGel® Dilution Solution	30 months	15-30°C
Cyto3D® Live-Dead Assay Kit	24 months	2-8°C (protect from light)

Learn more about the  
**VITROGEL® STARTER KIT**



[thewellbio.com/product/vitrogel-starter-kit/](https://thewellbio.com/product/vitrogel-starter-kit/)