

3D Culture and Imaging Plate

Premium 3D cell culture plate featuring a unique media-exchange channel and “sample-locking” technology, combined with an ultra-clear, premium cover-glass bottom, enabling a zero-disruption 3D cell culture workflow.



End-to-End Workflow Integration

Supports a complete “in-plate” workflow. No sample transfer means no sample loss.



Disturbance-Free Medium Exchange

A dedicated channel allows diffusion of nutrients and reagents while preventing hydrogel disruption.



Anti-Floating & Anti-Rotation Technology

The integrated hydrogel retention compartment ensures the matrix stays securely anchored. No lost samples.



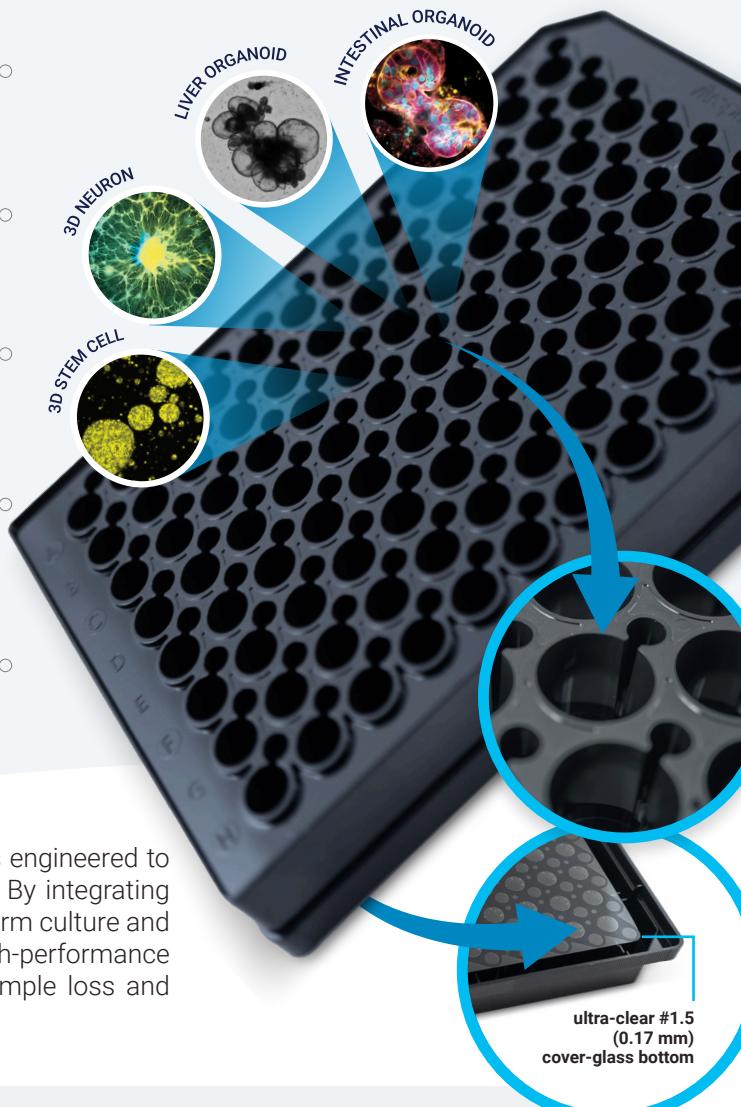
Elite Optical Clarity

Premium #1.5 (0.17 mm) cover glass delivers high light transmission and low autofluorescence for high-resolution confocal and immersion imaging.



Automation Ready

Fully compatible with automated liquid-handling systems and high-content imaging (HCI) platforms.



VitroPrime™ 3D Culture & Imaging Plates are premium-tier vessels engineered to streamline the end-to-end workflow of hydrogel-based 3D cultures. By integrating every step, from cell embedding and matrix polymerization to long-term culture and downstream immunofluorescence (IF) staining—into a single high-performance platform, VitroPrime™ 3D Culture and Imaging Plate eliminates sample loss and ensures experimental reproducibility.

Anti-Floating & Anti-Rotation Technology

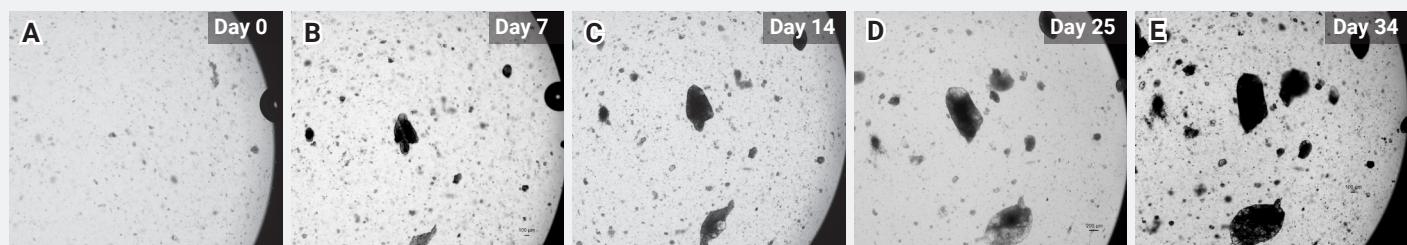
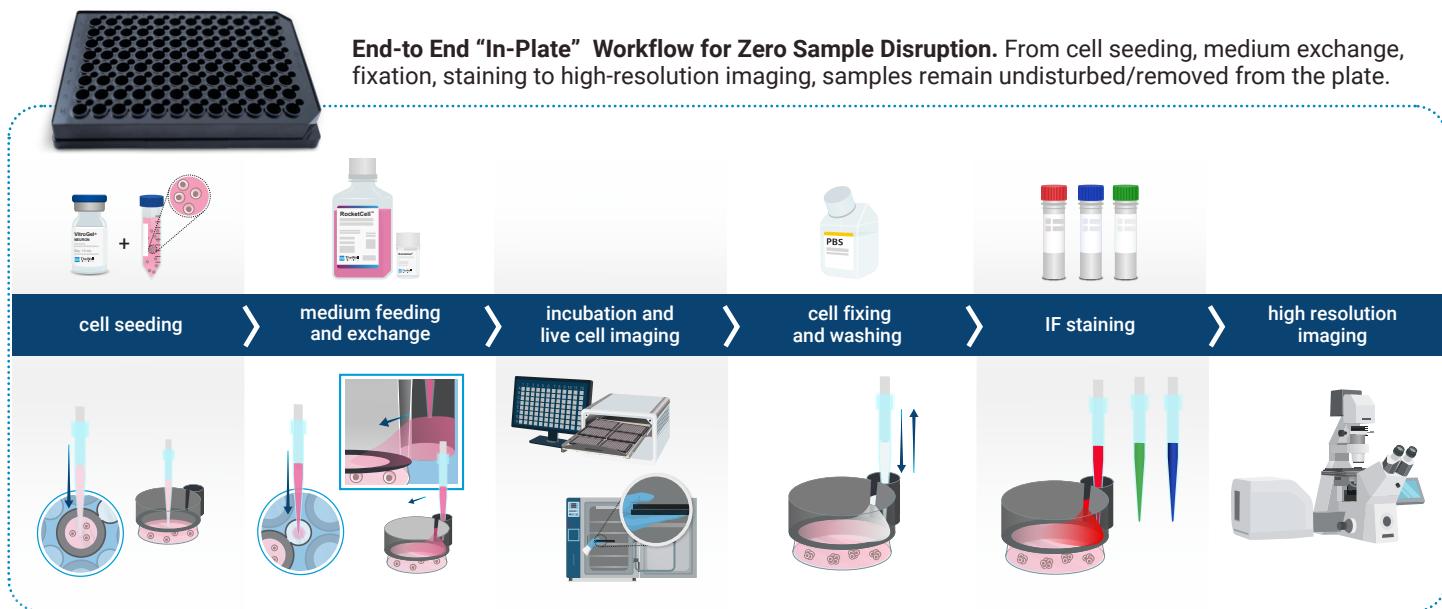


Figure 1. 3D imaging plate prevents gel floating and rotation: Liver organoids.

(A-E) Images indicate liver organoid growth over 30 days at the same location in VitroGel® ORGANOID in a 24-well, VitroPrime™ 3D Culture and Imaging Plate.



Elite Optical Clarity

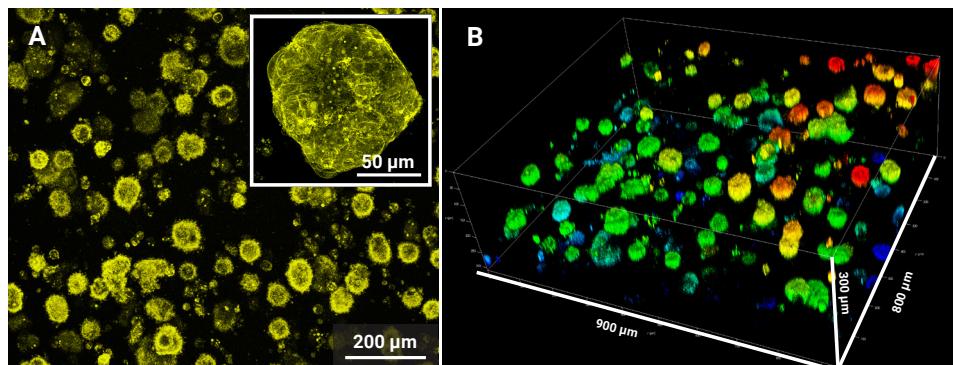


Figure 2: Live EpCAM Cell Surface Immunofluorescent Staining of Human iPSCs (HFF-1VL, TheWell Bioscience) Grown in RocketCell™ 3D iPSC Xeno-Free Complete Growth Kit.

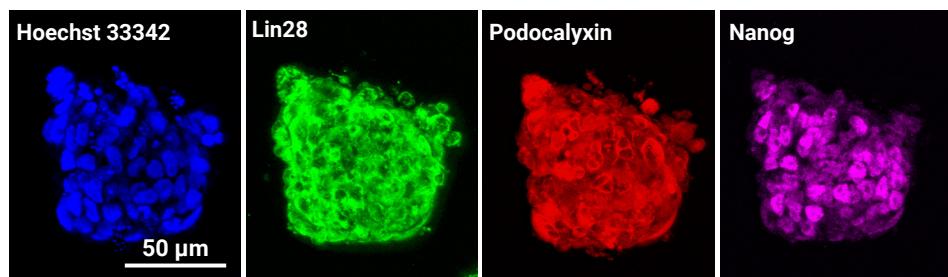


Figure 3: Direct Immunofluorescence Staining of iPSCs (HFF-1VL, TheWell Bioscience) Grown in RocketCell™ 3D iPSC Xeno-Free Complete Growth Kit.

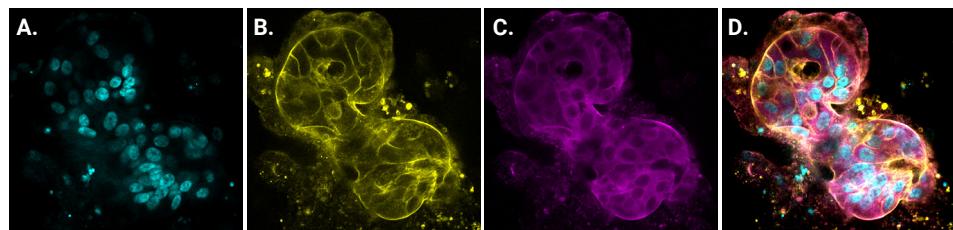


Figure 4: iPSC-derived intestinal organoids cultured and stained in VitroPrime™ 3D Culture and Imaging Plate.



VitroPrime™ 3D Culture and Imaging Plate, 6-well

VitroPrime™ 3D Culture and Imaging Plate, 24-well

VitroPrime™ 3D Culture and Imaging Plate, 96-well

Product	Cat No.
VitroPrime™ 3D Culture and Imaging Plate, 6-well, 5 packs/case	VP-3D6W5
VitroPrime™ 3D Culture and Imaging Plate, 24-well, 5 packs/case	VP-3D24W5
VitroPrime™ 3D Culture and Imaging Plate, 96-well, 5 packs/case	VP-3D96W5

Learn more about
VitroPrime™ 3D Culture and Imaging Plates

thewellbio.com/vitroprime-3d-culture-and-imaging-plate

