

# Magnetic 3D Cell Culture

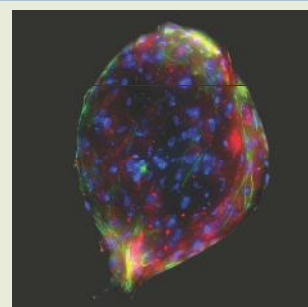
Performing cell culture in 3D as easily as in 2D

## Why Magnetic 3D Cell Culture?

- m3D products with Cell-Repellent surfaces provide rapid and practical tools for generating spheroid cultures, more representative of native tissue microenvironments
- m3D's core technology rapidly assembles spheroids with the use of magnetic forces within a Greiner Bio-One CELLSTAR® Cell-Repellent plate, resulting in an easy-to-use platform for 3D cell culture, overcoming many technical limitations of other 3D platforms

## Advantages

- Rapid 3D model formation within 24 hours for most cell types
- No specialised equipment, media, or artificial substrates needed
- Easy media change and immunofluorescence staining without sample loss
- Capable of complex model formation including co-cultures
- Scalable in 6 well, 24 well, 96 well, 384 well & 1536 well platforms
- Uses flat surfaces, ideal for high content and high throughput screening



## Trust in Greiner Bio-One Expertise

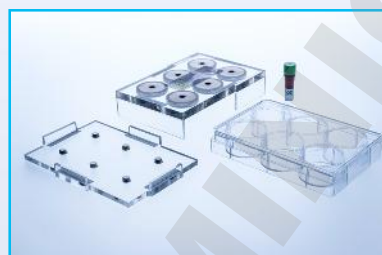
- **MODEL FOCUSED ASSAYS:**
  - Uterine Contractility Assays
  - Hepatotoxicity and CYP Assays
  - 3D culture model from Patient Derived Xenograft
  - Scalability
  - Cytotoxic T-Cell Killing Assays
  - Tumor Microenvironment Assays
  - Viability Assays
- **SCREENING AND ASSAYS:**
  - Toxicity Screening
  - Compound Screening
  - Therapeutic Screening
  - Vasoactivity Assays
  - 3D Wound Healing Assay (surrogate for 2D scratch assay)
- **CELLULAR DEVELOPMENT ASSAYS:**
  - Vascularised White Adipose Tissue
  - Fully automated Chondrogenic differentiation from mesenchymal stem cells
  - Lung tissue model
  - Salivary gland for human dental pulp stem cells
  - Pancreatic cancer model

For further information and/or sample ordering please visit our website [www.gbo.com/3dcellculture](http://www.gbo.com/3dcellculture) or contact us:

# Key Product Ordering Information

More kit formats & custom kits are available upon request

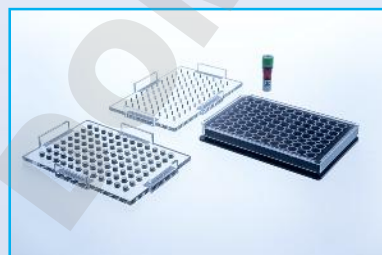
Order No.	Product Description	Qty./Case	Case Price
<b>Cell-Repellent Products</b>			
657970	CELLSTAR®, 6 Well Multiwell Plate, PS, Cell-Repellent surface, clear, sterile, with lid	5	
662970	CELLSTAR®, 24 Well Multiwell Plate, PS, Cell-Repellent surface, clear, sterile, with lid	5	
655970	CELLSTAR®, 96 Well Microplate, PS, F-bottom/chimney well, Cell-Repellent surface, clear, sterile, with lid	6	
655976	CELLSTAR®, 96 Well Microplate, PS, F-bottom/chimney well, Cell-Repellent surface, black, µClear®, sterile, with lid	32	
781970	CELLSTAR®, 384 Well Microplate, PS, F-bottom/chimney well, Cell-Repellent surface, clear, sterile, with lid	60	
781976	CELLSTAR®, 384 Well Microplate, PS, F-bottom/chimney well, Cell-Repellent surface, black, µClear®, sterile, with lid	32	
<b>Magnetic 3D Cell Culture Products</b>			
657840	6 Well Bio-Assembler™ Kit	1	
662840	24 Well Bio-Assembler™ Kit	1	
655840	96 Well Bioprinting Kit - Clear	1	
655841	96 Well Bioprinting Kit - Black	1	
781840	384 Well Bioprinting Kit - Clear	1	
781841	384 Well Bioprinting Kit - Black	1	
<b>NanoShuttle™-PL Reagent</b>			
657841	NanoShuttle™-PL Refill, 1-pack	1	
657843	NanoShuttle™-PL Refill, 3-pack	3	
657846	NanoShuttle™-PL Refill, 6-pack	6	



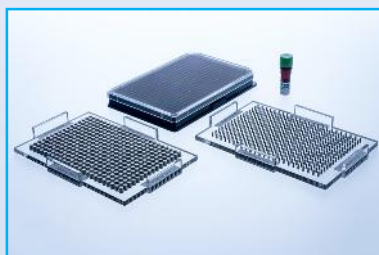
6 Well Bio-Assembler™ Kit



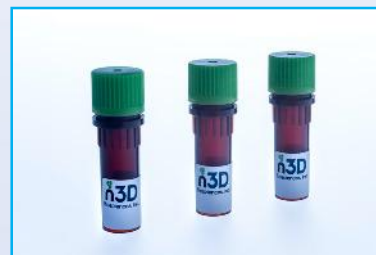
24 Well Bio-Assembler™ Kit



96 Well Bioprinting Kit



384 Well Bioprinting Kit



NanoShuttle™-PL

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