# Tools for Efficient 3-Dimensional Cell Culture

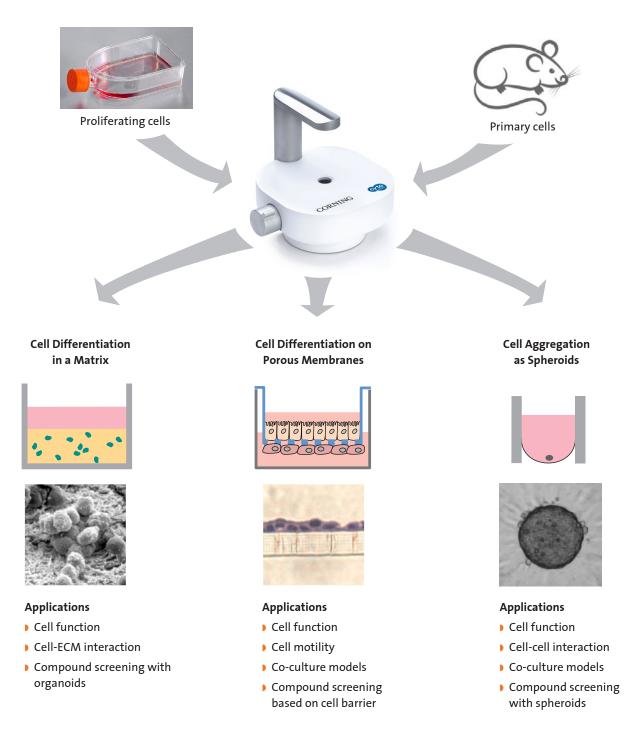
## CORNING

## Quick Reference Guide

Researchers have embraced 3D cell culture for good reasons:

- Cells grown in 3D more closely mimic the *in vivo* behavior of tissues and organs
- > 3D environments create more biologically relevant models for research and drug discovery
- Higher success rates for drug compound testing can reduce development costs

#### Corning provides proven tools for the critical steps of 3D cell culture.



#### Select Products for 3-Dimensional Cell Culture

#### Ultra-Low Attachment (ULA) Surface Cultureware

Description



Cat. No.









Cal. NO.	Description	QLY/FK	QLY/CS
4515	Corning® Spheroid microplate, 96-well, black/clear round bottom, with lid, ULA surface, sterile, individually wrapped	1	5
4516	Corning Spheroid microplate, 384-well, black/clear round bottom, with lid, ULA surface, sterile, individually wrapped	1	5
3471	Costar® 6-well clear plate, ULA surface, with lid, individually wrapped	1	24
3474	Corning 96-well clear microplate, flat bottom, ULA surface, with lid, individually wrapped	1	24
7007	Corning 96-well clear microplate, round bottom, ULA surface, with lid, individually wrapped	1	24
3814	Corning 75 cm <sup>2</sup> U-shaped flask, canted neck, ULA surface, vented cap	4	24
Permeable S	upports		
3412	Transwell® Inserts in 6-well plates, 24 mm, 0.4 μm, Tissue Culture (TC)-treated, PC membrane, sterile	6	24
353090	Falcon <sup>®</sup> inserts for 6-well plates, 0.4 μm, transparent, PET-membrane, sterile	6	48
3479	Netwell™ Inserts in 6-well plates, 24 mm, 74 μm, PTFE, sterile	6	48
351152	Corning FluoroBlok™ HTS 24-well Plate permeable support with 8.0 μm colored PE membrane, sterile	8	48
351181	Falcon 24-well multiwell insert system with 1.0 µm pore PET membrane, with feeder tray and lid	5	5
3384	HTS Transwell 96-well with receiver plate and lid, 8.0 µm, TC-treated (membrane), PET membrane, bulk	4	8
Cell Strainer			
352340	Falcon 40 μm Cell strainer	1	50
Culture Med	la		
10-013-CVR	500 mL DMEM (4,5 g/L glucose, L-glutamine and sodium pyruvate)	500 mL	6
10-022-CVR	500 mL MEM (Minimum Essential Medium) Alpha Medium with Earle's salts, ribonucleosides, deoxyribonucleosides, and L-glutamine	500 mL	6
10-060-CVR	500 mL Medium 199 (Mod.) with Earle's salts and L-glutamine	500 mL	6
10-080-CVR	500 mL Ham's F-12 Medium with L-glutamine	500 mL	6
15-041-CVR	500 mL RPMI 1640 with 25 mM HEPES, without L-glutamine	500 mL	6
Vialed Extra	cellular Matrices		
356230	Corning Matrigel® Growth Factor Reduced (GFR) basement membrane matrix, 5 mL	1	1
354248	Corning Basement Membrane Matrix high concentration (HC), LDEV-free, 10 mL	1	1
354236	Corning Collagen I, rat tail, 100 mg	1	1
354249	Corning Collagen I, high concentration, rat tail, 100 mg	1	1
354239	Corning Ultrapure Laminin, mouse, 1 mg	1	1
354250	Corning PuraMatrix™ Peptide Hydrogel, 5 mL	1	1
Reagents			
354235	Corning Dispase, 100 mL	1	1
354253	Corning Cell recovery solution, 100 mL	1	1
354216	Falcon Calcein AM fluorescent dye, 500 μg, 10 x 50 μg	1	10
Pre-Coated C			
354432	Corning BioCoat™ Matrigel Matrix 6-well clear flat bottom TC-treated multiwell plate, with lid, nonsterile	1	2
354460	Corning BioCoat Matrigel matrix 35 mm culture dishes, 8/Pack, 8/Case nonsterile	4	8
	ling Systems and Accessories		
432003	Corning CoolCell® LX, orange freezing container, for 12 x 1 mL or 2 mL cryogenic vials	1	1
432008	Corning CoolCell FTS30, green freezing container, for 30 x 1 mL or 2 mL cryogenic vials	1	1
432014	Corning CoolBox™ XT Starter complete, low profile, open platform ice-free cooler	1	1
432021	Corning CoolBox XT, purple cooling and freezing workstation, single capacity	1	1
432034	Corning CoolRack® M6, gray holds 6 x 1.5 or 2 mL microcentrifuge tubes	1	1
	Corning CoolRack M90, gray, holds 90 x 1.5 or 2 mL microcentrifuge tubes	1	1
432044	Coming Coolkack M30, gray, noids 30 x 1.3 of 2 mil microcentinuge tubes		
	Corning CoolSink® XT96F, flat bottom plate module	1	1
432070			1
432070 432071	Corning CoolSink® XT96F, flat bottom plate module	1	
432070 432071 Equipment	Corning CoolSink® XT96F, flat bottom plate module	1	1
432044 432070 432071 Equipment 6749 4099	Corning CoolSink® XT96F, flat bottom plate module Corning CoolSink XT 96U, 96-well U-bottom microplate module	1	





452070	coming cools ink wroot, hat bottom plate module	-	-
432071	Corning CoolSink XT 96U, 96-well U-bottom microplate module	1	1
Equipment			
6749	Corning Cell Counter	1	1
4099	Corning Stripettor™ Ultra Pipet Controller	1	1
6791	Corning LSE™ Benchtop shaking incubator with platform, 230V (EU Plug)	1	1

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