

Tools for Efficient 3-Dimensional Cell Culture

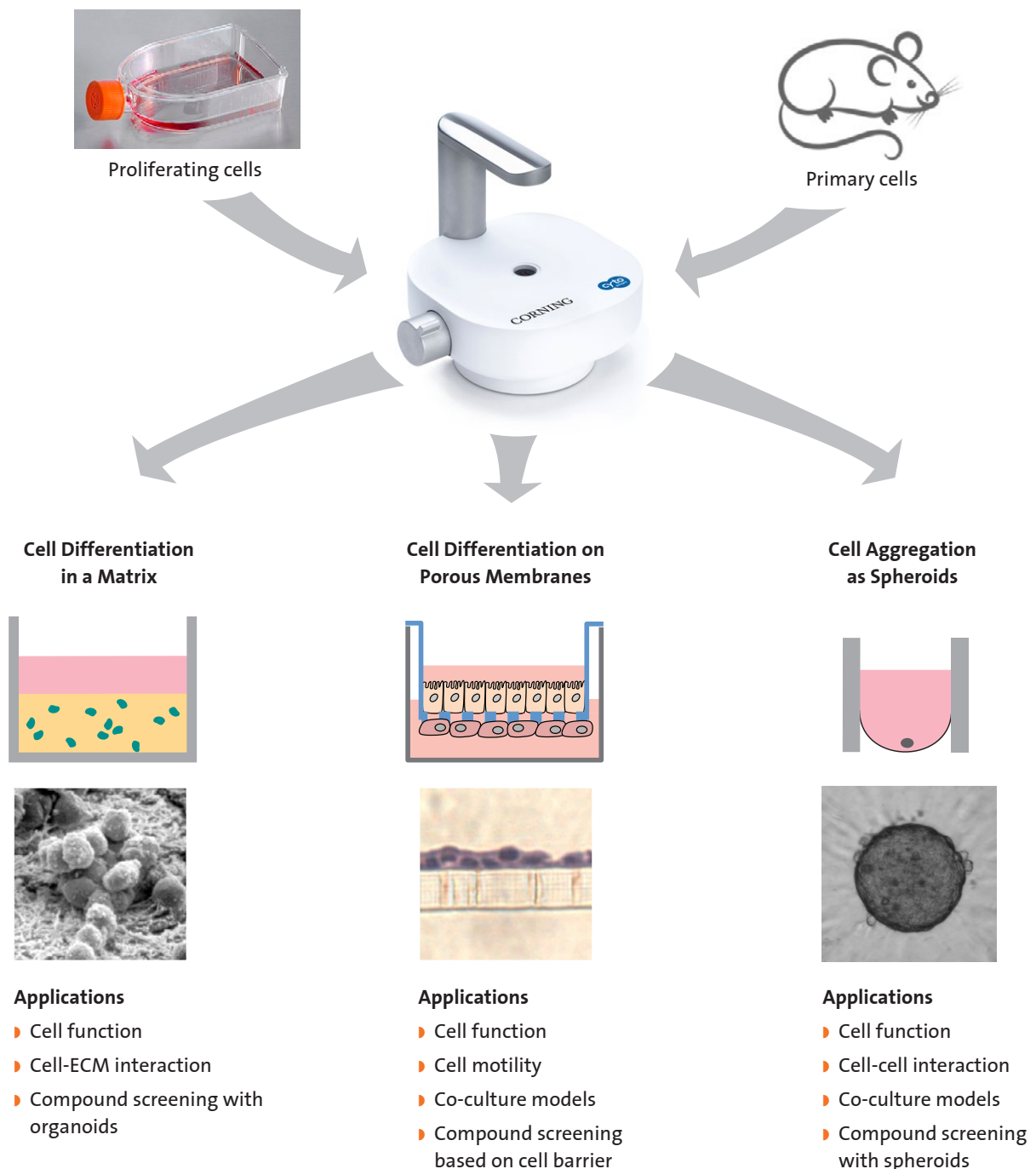
Quick Reference Guide

CORNING

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

Cat. No.	Description	Qty/Pk	Qty/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 ² U-shaped flask, canted neck, ULA surface, vented cap	4	24



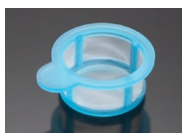
Permeable Supports

3412	Transwell® Inserts in 6-well plates, 24 mm, 0.4 µm, Tissue Culture (TC)-treated, PC membrane, sterile	6	24
353090	Falcon® 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 Media

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



Vial Extracellular 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 Cultureware

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

Corning Cooling 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
432044	Corning CoolRack M90, gray, holds 90 x 1.5 or 2 mL microcentrifuge tubes	1	1
432070	Corning CoolSink® XT96F, flat bottom plate module	1	1
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



CORNING

Corning Incorporated
Life Sciences

836 North St.
Building 300, Suite 3401
Tewksbury, MA 01876
t 800.492.1110
t 978.442.2200
f 978.442.2476

www.corning.com/lifesciences

For more specific information on claims, visit the Certificates page at www.corning.com/lifesciences.

Warranty/Disclaimer: Unless otherwise specified, all products are for research use only. Not intended for use in diagnostic or therapeutic procedures. Corning Life Sciences makes no claims regarding the performance of these products for clinical or diagnostic applications.

For additional product or technical information, visit www.corning.com/lifesciences or call 800.492.1110. Outside the United States, call +1.978.442.2200 or contact your local Corning sales office.

For a listing of trademarks, visit www.corning.com/clstrademarks. All other trademarks are the property of their respective owners.