Усовершенствованные поверхности и ECM
Технические характеристики

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Corning® Matrigel® Matrix

Corning extracellular matrices (ECMs) enable researchers to mimic *in vivo* environments for 2D and 3D cell culture applications.

Corning Matrigel matrix is a solubilized basement membrane preparation extracted from the Engelbreth-Holm-Swarm (EHS) mouse sarcoma, a tumor rich in extracellular matrix proteins, including Laminin (a major component), Collagen IV, heparan sulfate proteoglycans, entactin/nidogen, and a number of growth factors.

Size

5 mL
10 mL
25 mL
50 mL
100 mL

Type

Matrigel Matrix LDEV-Free
Matrigel Matrix Phenol Red-Free, LDEV-Free

Matrigel Matrix GFR, LDEV-Free

Matrigel Matrix GFR, Phenol Red-Free, LDEV-Free

Matrigel Matrix High Concentration, LDEV-Free

Matrigel Matrix High Concentration, Phenol Red-Free, LDEV-Free

Matrigel Matrix High Concentration, GFR, LDEV-Free

Matrigel Matrix hESC-Qualified, LDEV-Free

Matrigel Matrix for Organoid Culture, Phenol Red-free, LDEV-free

Products

Product Number	354230
Product Name	Corning® Matrigel® Growth Factor Reduced (GFR) Basement Membrane Matrix, LDEV-free, 10 mL
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	354234
Product Name	Corning® Matrigel® Basement Membrane Matrix, LDEV-free, 10 mL
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs

Product Number	354248
Product Name	Corning® Matrigel® Basement Membrane Matrix High Concentration (HC), LDEV-free, 10 mL
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	354262
Product Name	Corning® Matrigel® Matrix High Concentration (HC), Phenol-Red Free, LDEV-free, 10 mL
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	354263
Product Name	Corning® Matrigel® Matrix High Concentration (HC), Growth Factor Reduced (GFR) *LDEV-free, 10 mL
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	354277
Product Name	Corning® Matrigel® hESC-Qualified Matrix, LDEV-free, 5 mL
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs

Product Number	356230
Product Name	Corning® Matrigel® Growth Factor Reduced (GFR) Basement Membrane Matrix, LDEV-free, 5 mL
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	356231
Product Name	Corning® Matrigel® Growth Factor Reduced (GFR) Basement Membrane Matrix, Phenol Red-free, LDEV-free, 10 mL
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	356232
Product Name	Corning® Matrigel® Basement Membrane Matrix, LDEV-free, 25 mL, 1/Pack 5/Case
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs
Product Number	356234
Product Name	Corning® Matrigel® Basement Membrane Matrix, LDEV-free, 5 mL
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs

Corning® Matrigel® Matrix - 3D Plates

Corning® Matrigel® matrix cultureware provides highly consistent and biologically functional pre-coated surfaces to more closely mimic in vivo environment for your cell culture application.

Corning Matrigel matrix is a solubilized basement membrane preparation extracted from the Engelbreth-Holm-Swarm (EHS) mouse sarcoma, a tumor rich in extracellular matrix proteins.

Well Number

96-well
384-well

Qty/Cs

1/Cs
5/Cs

Products

Product Number	356256
Product Name	Corning® Matrigel® Matrix - 3D Plate, 384-well, Black/Clear Square Bottom, Phenol Red-Free, Individually Wrapped, with Lid, 5/Cs
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs
Product Number	356257
Product Name	Corning® Matrigel® Matrix - 3D Plate, 384-well, White/Clear Square Bottom, Phenol Red-Free, Individually Wrapped, with Lid, 5/Cs
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs
Product Number	356258
Product Name	Corning® Matrigel® Matrix - 3D Plate, 384-well, White/Clear Square Bottom, Phenol Red-Free, Individually Wrapped, with Lid, 1/Cs
Qty./Pk	1 / Pk
Qty./Cs	1 / Ea
Product Number	356259
Product Name	Corning® Matrigel® Matrix - 3D Plate, 96-well, Phenol Red-Free, Black/Clear, Individually Wrapped, with Lid, 1/Cs
Qty./Pk	1 / Pk
Qty./Cs	1 / Ea

Corning® PuraMatrix™ Peptide Hydrogel, 5 mL

Product Number 354250

Corning® PuraMatrix™ Peptide Hydrogel is a synthetic matrix used to create defined three dimensional (3D) micro-environments for a variety of cell culture experiments. To achieve optimal cell growth and differentiation, it is necessary to determine the appropriate mixture of this material and bioactive molecules (e.g., growth factors, extracellular matrix (ECM) proteins, and/or other molecules). Corning PuraMatrix Peptide Hydrogel consists of standard amino acids (1% w/v) and 99% water. Under physiological conditions, the peptide component self-assembles into a 3D hydrogel with a nanometer-scale fibrous structure. The hydrogel is readily formed in a Falcon culture dish, plate, or cell culture insert.

Corning PuraMatrix Peptide Hydrogel has been shown to promote differentiation of hepatocyte progenitor cells, rat pheochromocytoma cells (PC12), hippocampal neurons, and endothelial cells. Studies have also demonstrated the hydrogel supports the attachment of a variety of primary (e.g., neuronal, fibroblast, keratinocyte) and transformed (e.g., MG-63, SH-SY5Y, HEK293, NIH3T3) cell types. Other potential applications include stem cell proliferation, tumor cell migration and invasion, angiogenesis assays, and *in vivo* analyses of tissue regeneration.

Technical Specifications

- 1% solution (w/v) of purified synthetic peptide
- Packaged material exhibits pH of 2 to 4
- Transparent
- Devoid of animal-derived material and pathogens

Quality

- Tested and found negative for bacteria, fungi, and mycoplasma
- Cell viability = 80% based on cytotoxicity analysis of NIH3T3 fibroblasts
- Identity confirmed using mass spectrometry
- Demonstration of fiber formation using a self-assembly assay

Details

Product Number	354250
Qty./Pk	1 / Pk
Qty./Cs	1 / Ea
Brand	Corning®
Size	5 mL
Source	Synthetic peptide

Corning® Vitronectin, Human, 0.25mg

Product Number 354238

Corning® Vitronectin, human, 0.25mg, is used to promote cell attachment, spreading, proliferation, and differentiation of many normal and neoplastic cells, and to study cell migration.

Source

Human plasma. Source material tested for hepatitis B antigen and HIV-1 antibody

Quality

- Purity > 95% by SDS-PAGE
- Tested for ability to promote attachment and spreading of HT-1080 human fibrosarcoma cells
- Found negative for bacteria, fungi, and mycoplasma

Molecular Weight

75 kD and 65 kD components

Preparation and Storage

Stable for at least three months at 2° to 8°C (lyophilized) or one week at 2° to 8°C (solubilized)

Handling

Recommended concentration: 50 ng/cm² of growth surface depending on cell type

Formulation

Lyophilized (dialyzed against 10 mM phosphate buffer pH 7.7

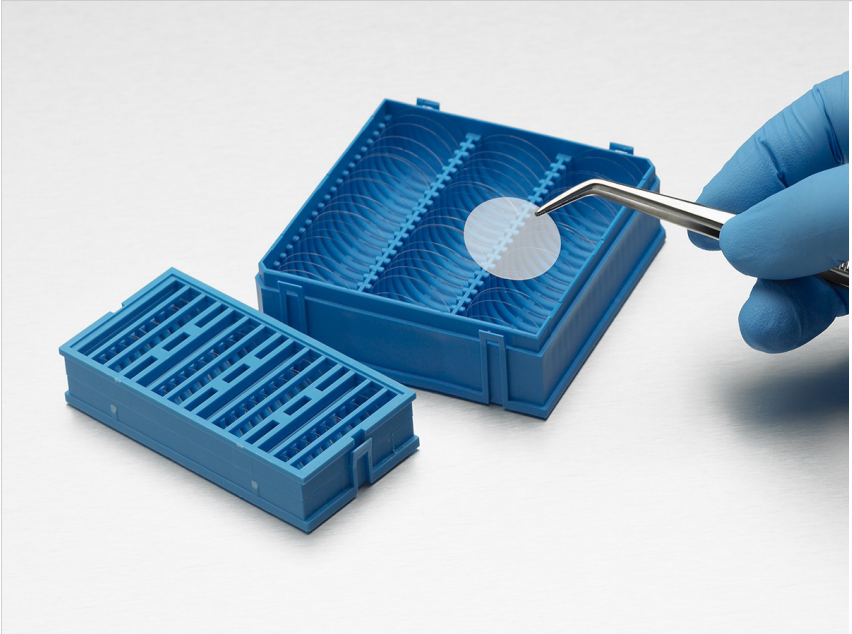
Details

Product Number	354238
Qty./Pk	1 / Pk
Qty./Cs	1 / Ea
Brand	Corning®
Size	0.25 mg

Source	Human plasma
Formulation	Lyophilized (dialyzed against 10 mM phosphate buffer pH 7.7

Corning® BioCoat® Collagen I 22 mm Round #1 German Glass Coverslip, Bulk Packed, 60/Case

Product Number 354089



Corning® BioCoat™ 22mm #1 German Glass coverslip with a uniform application of rat tail collagen. Bulk packed, 60/case. Corning BioCoat products are an ideal solution for enhanced cell attachment and growth of a variety of primary cells and transformed cells in serum-free or serum-containing cultures. Corning offers custom coating capabilities.

Shelf life: >= 3 months from date of shipment

Details

Product Number	354089
Qty./Pk	60 / Pk
Qty./Cs	60 / Cs
Brand	Corning®
Size	22 mm
Storage	2° - 8°C
Surface Coating	Collagen I

Corning® PureCoat™ ECM Mimetic Cultureware Plates

Corning ECM mimetic surfaces and substrates contain biologically active, synthetic, animal-free peptides that have been rationally designed to mimic the cell attachment motifs of native ECM proteins. The peptides enable optimal cell binding and signaling in a broad range of serum-free, xeno-free, and animal-free media formulations, supporting the propagation and differentiation of a range of stem, progenitor, and primary cell types.

Corning PureCoat cultureware is coated with biologically active, synthetic, animal-free peptides that are covalently linked to a proprietary surface to provide a highly consistent, cost-effective alternative to self-coated extracellular peptides. The proprietary covalent linkage orients the peptides for optimal binding and signaling.

Surface Treatment

PureCoat ECM Mimetic Collagen I Peptide
PureCoat ECM Mimetic Fibronectin Peptide

Well Number

6-well
24-well

Products

Product Number	356240
Product Name	Corning® PureCoat™ Fibronectin Peptide 6-well Flat Bottom, with Lid, Individually Wrapped, Sterile, 10/Case
Qty./Pk	1 / Pk
Qty./Cs	10 / Cs

Product Number	356241
Product Name	Corning® PureCoat™ Fibronectin Peptide 24-well Clear Plate, with Lid, Individually Wrapped, Sterile, 10/Case
Qty./Pk	1 / Pk
Qty./Cs	10 / Cs
Product Number	356270
Product Name	Corning® PureCoat™ Collagen I Peptide 6-well Flat Bottom TC-treated Plate, with Lid, Sterile, 5/Pack, 10/Case
Qty./Pk	5 / Pk
Qty./Cs	10 / Cs
Product Number	356271
Product Name	Corning® PureCoat™ Collagen I Peptide 24-well Clear Plate, with Lid, Sterile, 5/Pack, 10/Case
Qty./Pk	5 / Pk
Qty./Cs	10 / Cs

Corning® BioCoat® Poly-D-Lysine Flasks

Poly-D-Lysine (PDL) and Poly-L-Lysine (PLL) are synthetic compounds that enhance cell adhesion and protein absorption by altering surface charges on the culture substrate. In addition to promoting cell adhesion, poly-lysine surface treatments support neurite outgrowth and improve the survival of many central nervous system (CNS) primary cells in culture. As PDL and PLL are synthetic molecules, they do not stimulate biological activity in the cells cultured on them, and they do not introduce impurities carried by natural polymers.

Applications include:

- Attachment and spreading of a variety of cell types
- Cell differentiation and neurite outgrowth
- Attachment of fastidious transfected cell lines
- Support survival of primary neurons in culture
- Serum-free or reduced-serum culture

Source

- PDL, synthetic (MW 75-150 kD)
- PLL, synthetic (MW 30-70 kD)

Quality Control

- Tested for ability to promote firm attachment of RCG cells
- Tested and found negative for bacteria and fungi

Storage

- 4°C to 30°C under dry conditions.

Qty/Cs

5/Cs
10/Cs

40/Cs

50/Cs

Surface Area

25 cm^2

75 cm^2

150 cm^2

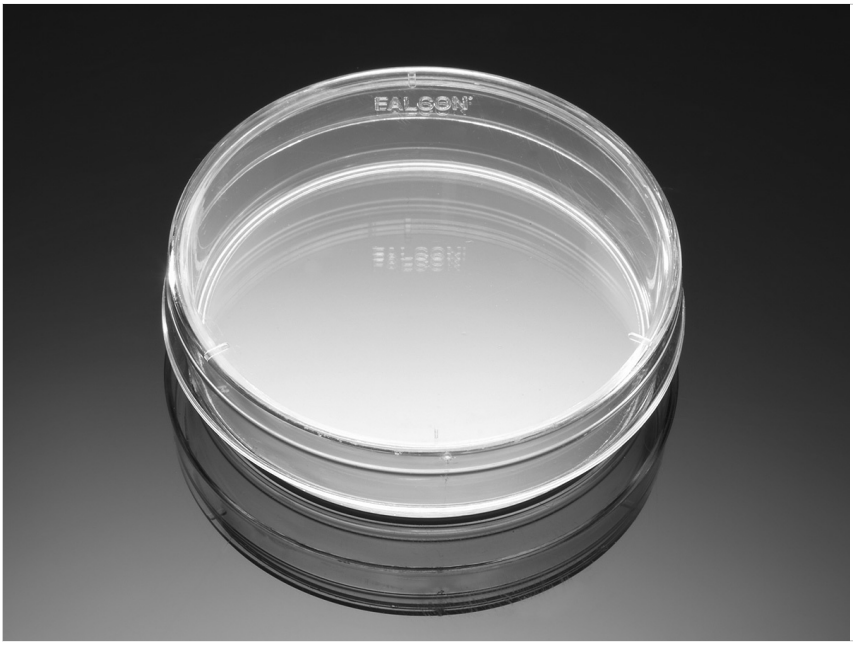
175 cm^2

Products

Product Number	354536
Product Name	Corning® BioCoat® Poly-D-Lysine 25cm² Rectangular Canted Neck Cell Culture Flask with Vented Cap
Qty./Pk	10 / Pk
Qty./Cs	10 / Cs
Product Number	354537
Product Name	Corning® BioCoat® Poly-D-Lysine 75cm² Rectangular Canted Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	354538
Product Name	Corning® BioCoat® Poly-D-Lysine 150cm² Rectangular Canted Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs

Product Number	354539
Product Name	Corning® BioCoat® Poly-D-Lysine 175cm² Rectangular Straight Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	356536
Product Name	Corning® BioCoat® Poly-D-Lysine 25cm² Rectangular Canted Neck Cell Culture Flask with Blue Vented Screw Cap
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	356537
Product Name	Corning® BioCoat® Poly-D-Lysine 75cm² Rectangular Canted Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs
Product Number	356538
Product Name	Corning® BioCoat® Poly-D-Lysine 150cm² Rectangular Canted Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	40 / Cs
Product Number	356539
Product Name	Corning® BioCoat® Poly-D-Lysine 175cm² Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	40 / Cs

Corning® BioCoat® Collagen I-coated Culture Dishes



Collagen I, found in most tissues and organs, is most plentiful in dermis, tendon, and bone. It is an integral part of the framework that holds cells and tissues together and has been recognized as a useful matrix for improving cell culture. *in vitro* use of collagen can exert effects on the adherence, morphology, growth, migration, and differentiation of a variety of cell types.

Applications include:

- Promotion of cell attachment and spreading
- Rapid expansion of cell populations
- Serum-free or reduced serum culture
- Cell adhesion assays
- Improving survival of primary cells in culture

Source

- Rat tail tendon

Quality Control

- Tested for ability to promote attachment and spreading of HT-1080 human fibrosarcoma cells
- Tested and found negative for bacteria and fungi
- Collagen I purity >90% by SDS-PAGE

Storage

- 4°C to 30°C under dry conditions.

Qty/Cs

5/Cs
10/Cs
20/Cs
40/Cs
100/Cs

Diameter

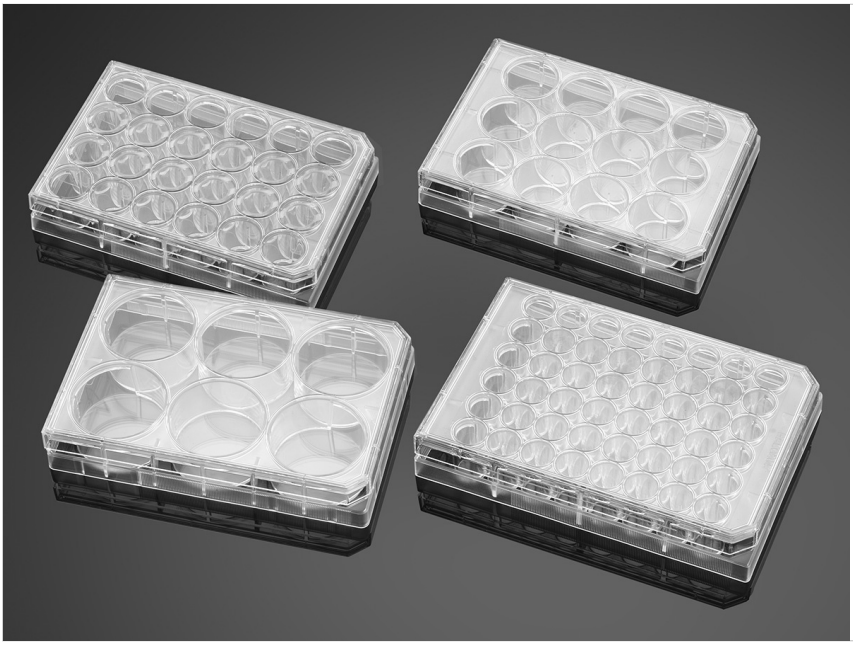
35 mm
60 mm
100 mm
150 mm

Products

Product Number	354401
Product Name	Corning® BioCoat® Collagen I 60 mm TC-treated Culture Dishes, 20/Pack, 20/Case
Qty./Pk	20 / Pk
Qty./Cs	20 / Cs
Product Number	354450
Product Name	Corning® BioCoat® Collagen I 100 mm TC-treated Culture Dishes, 10/Pack, 10/Case
Qty./Pk	10 / Pk
Qty./Cs	10 / Cs
Product Number	354456
Product Name	Corning® BioCoat® Collagen I 35 mm TC-treated Culture Dishes, 20/Pack, 20/Case
Qty./Pk	20 / Pk
Qty./Cs	20 / Cs
Product Number	354551
Product Name	Corning® BioCoat® Collagen I 150 mm TC-treated Culture Dishes, 5/Pack, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	356401
Product Name	Corning® BioCoat® Collagen I 60 mm TC-treated Culture Dishes, 20/Pack, 100/Case
Qty./Pk	20 / Pk
Qty./Cs	100 / Cs

Product Number	356450
Product Name	Corning® BioCoat® Collagen I 100 mm TC-treated Culture Dishes, 10/Pack, 40/Case
Qty./Pk	10 / Pk
Qty./Cs	40 / Cs
Product Number	356456
Product Name	Corning® BioCoat® Collagen I 35 mm TC-treated Culture Dishes, 20/Pack, 100/Case
Qty./Pk	20 / Pk
Qty./Cs	100 / Cs

Corning® BioCoat® Poly-D-Lysine Plates



Poly-D-Lysine (PDL) and Poly-L-Lysine (PLL) are synthetic compounds that enhance cell adhesion and protein absorption by altering surface charges on the culture substrate. In addition to promoting cell adhesion, poly-lysine surface treatments support neurite outgrowth and improve the survival of many central nervous system (CNS) primary cells in culture. As PDL and PLL are synthetic molecules, they do not stimulate biological activity in the cells cultured on them, and they do not introduce impurities carried by natural polymers.

Applications include:

- Attachment and spreading of a variety of cell types
- Cell differentiation and neurite outgrowth
- Attachment of fastidious transfected cell lines
- Support survival of primary neurons in culture
- Serum-free or reduced-serum culture

Source

- PDL, synthetic (MW 75-150 kD)
- PLL, synthetic (MW 30-70 kD)

Quality Control

- Tested for ability to promote firm attachment of RCG cells
- Tested and found negative for bacteria and fungi

Storage

- 4°C to 30°C under dry conditions.

Qty/Cs

5/Cs
50/Cs

Well Number

6-well
12-well
24-well
48-well

Products

Product Number	354413
Product Name	Corning® BioCoat® Poly-D-Lysine 6-well Clear Flat Bottom TC-treated Multiwell Plate, with Lid, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	354414
Product Name	Corning® BioCoat® Poly-D-Lysine 24-well Clear Flat Bottom TC-treated Multiwell Plate, with Lid, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	354470
Product Name	Corning® BioCoat® Poly-D-Lysine 12-well Clear Flat Bottom TC-treated Multiwell Plate, with Lid, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	354509
Product Name	Corning® BioCoat® Poly-D-Lysine 48-well Clear Flat Bottom TC-treated Multiwell Plate, with Lid, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	356413
Product Name	Corning® BioCoat® Poly-D-Lysine 6-well Clear Flat Bottom TC-treated Multiwell Plate, with Lid, 5/Pack, 50/Case
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs

Product Number	356414
Product Name	Corning® BioCoat® Poly-D-Lysine 24-well Clear Flat Bottom TC-treated Multiwell Plate, with Lid, 5/Pack, 50/Case
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs
Product Number	356470
Product Name	Corning® BioCoat® Poly-D-Lysine 12-well Clear Flat Bottom TC-treated Multiwell Plate, with Lid, 5/Pack, 50/Case
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs
Product Number	356509
Product Name	Corning® BioCoat® Poly-D-Lysine 48-well Clear Flat Bottom TC-treated Multiwell Plate, with Lid, 5/Pack, 50/Case
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs

Corning® BioCoat® Matrigel® Matrix Plates

Well Number

6-well

24-well

Qty/Cs

2/Cs

5/Cs

Products

Product Number	354432
Product Name	Corning® BioCoat® Matrigel® Matrix 6-well Clear Flat Bottom TC-treated Multiwell Plate, with Lid, 2/Case
Qty./Pk	1 / Pk
Qty./Cs	2 / Cs

Product Number	354433
Product Name	Corning® BioCoat® Matrigel® Matrix 24-well Clear Flat Bottom TC-treated Multiwell Plate, with Lid, 2/Case
Qty./Pk	1 / Pk
Qty./Cs	2 / Cs
Product Number	354603
Product Name	Corning® BioCoat® Matrigel® Matrix Thin-Layer 6-well Clear Flat Bottom TC-treated Multiwell Plate, with Lid, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	354605
Product Name	Corning® BioCoat® Matrigel® Matrix Thin-Layer 24-well Clear Flat Bottom TC-treated Multiwell Plate, with Lid, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs

Product Number	354671
Product Name	Corning® BioCoat® Matrigel® 6-well Plate for ES Culture, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs

Corning® BioCoat® Gelatin Plates

Corning BioCoat Gelatin cultureware provides an attachment and growth promoting substrate for the culture of a variety of cell types. Gelatin is commonly used in the culture of vascular endothelial cells, muscle, embryonic stem (ES) cells, and F9 teratocarcinoma cells. It is also suitable for promoting adhesion of transfected cell types. Gelatin is a heterogeneous mixture of water-soluble proteins derived through the hydrolysis of Collagen.

Applications include:

- Promotion of cell attachment and spreading
- Culture of normal and transfected F9 teratocarcinoma cells for gene expression studies
- Culture of HUVEC for E-Selectin7 expression and VEGF induction8

Source

- Gelatin, porcine

Quality Control

- Tested for ability to promote proliferation of HUVECs
- Tested and found negative for bacteria and fungi

Storage

- 4°C to 30°C under dry conditions.

Qty/Cs

5/Cs
50/Cs

Products

Product Number	354652
Product Name	Corning® BioCoat® Gelatin 6-well Clear Flat Bottom TC-treated Multiwell Plate, with Lid, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs

Product Number	356652
Product Name	Corning® BioCoat® Gelatin 6-well Clear Flat Bottom TC-treated Multiwell Plate, with Lid, 5/Pack, 50/Case
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs

Corning® BioCoat® Fibronectin-coated Flasks

Human Fibronectin (HFN) is a widely distributed glycoprotein that is used as a substrate to promote attachment of cells through its central-binding domain RGD sequence. HFN is a product of most mesenchymal and epithelial cells and is present in both the ECM and plasma. The principal function of HFN appears to be in cellular migration during wound healing and development, regulation of cell growth and differentiation, and haemostasis/thrombosis.

Applications include:

- Promotion of cell attachment and spreading
- Rapid expansion of cell populations
- Serum-free or reduced-serum culture
- Cell adhesion assays
- Studies of effects of HFN on cell behavior
- Improving survival of primary cells in culture

Source

- Human plasma

NOTE: Source material tested for hepatitis B antigen and HIV-1 antibody

Quality Control

- Tested for ability to promote attachment and spreading of BHK-21 hamster kidney cells
- Tested and found negative for bacteria and fungi
- Fibronectin purity >90% by SDS-PAGE

Storage

- 2°C to 8°C. Do not freeze.

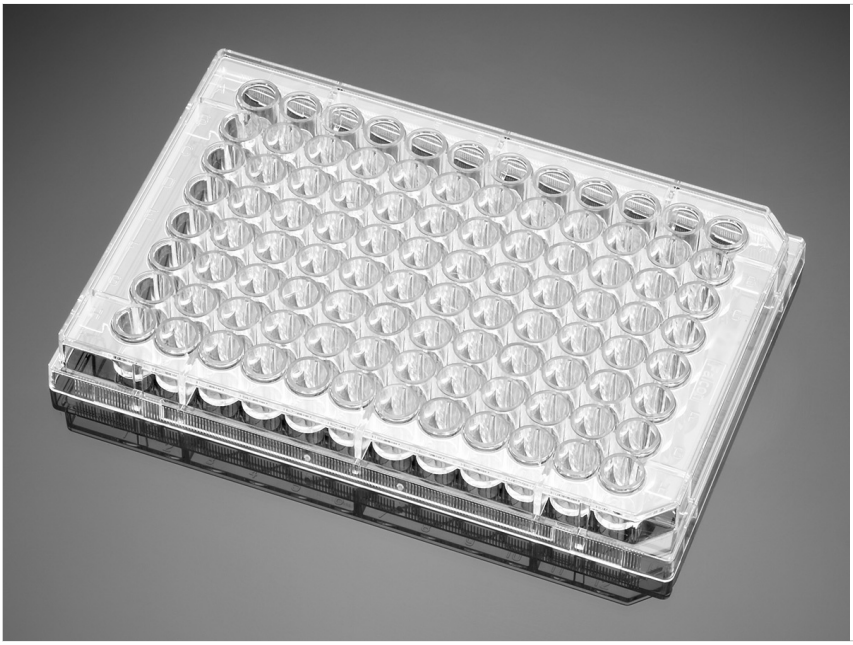
Surface Area

75 cm^2
175 cm^2

Products

Product Number	354521
Product Name	Corning® BioCoat® Fibronectin 75cm² Rectangular Canted Neck Cell Culture Flask with Plug Seal Cap
Qty./Pk	5 / Pk
Qty./Cs	10 / Cs
Product Number	354526
Product Name	Corning® BioCoat® Fibronectin 175cm² Rectangular Straight Neck Cell Culture Flask with Plug Seal Cap
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs

Corning® BioCoat® Gelatin Microplates



Corning BioCoat Gelatin cultureware provides an attachment and growth promoting substrate for the culture of a variety of cell types. Gelatin is commonly used in the culture of vascular endothelial cells, muscle, embryonic stem (ES) cells, and F9 teratocarcinoma cells. It is also suitable for promoting adhesion of transfected cell types. Gelatin is a heterogeneous mixture of water-soluble proteins derived through the hydrolysis of Collagen.

Applications include:

- Promotion of cell attachment and spreading
- Culture of normal and transfected F9 teratocarcinoma cells for gene expression studies
- Culture of HUVEC for E-Selectin7 expression and VEGF induction8

Source

- Gelatin, porcine

Quality Control

- Tested for ability to promote proliferation of HUVECs
- Tested and found negative for bacteria and fungi

Storage

- 4°C to 30°C under dry conditions.

Qty/Cs

5/Cs
50/Cs

Products

Product Number	354689
Product Name	Corning® BioCoat® Gelatin 96-well Clear Flat Bottom Microplate, with Lid, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs

Product Number	356689
Product Name	Corning® BioCoat® Gelatin 96-well Clear Flat Bottom Assay Plate, with Lid, 5/Pack, 50/Case
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs

Corning® BioCoat® Poly-L-Ornithine/Laminin Plates

For some applications, the use of a combination of ECM proteins, such as Laminin (LM) and Fibronectin (HFN) or LM and attachment factors such as Poly-D-Lysine (PDL) or Poly-L-Orinthine (PLO) has been shown superior to the use of either alone. Corning BioCoat PDL/LM and PLO/LM Cultureware is suitable for culturing many different types of Peripheral Nervous System (PNS) and Central Nervous System (CNS) networks and is useful for promoting neural cell attachment and differentiation. Corning BioCoat LM/HFN Cultureware provides an *in vitro* environment that promotes cell attachment and extensive process formation.

Applications include:

- Enhancement of neuronal cell attachment to plastic and glass
- Promotion of neurite outgrowth
- Culture of glial cells as a feeder layer for neurons
- Construction of neural cell model systems to study CNS function, development, and diseases

Source

- PDL, synthetic (MW 75-150 kD)
- PLO, synthetic (MW 30-70 kD)
- Laminin, EHS mouse tumor
- Fibronectin, human plasma
- NOTE: Source material tested for hepatitis B antigen and HIV-1 antibody.
- **Quality Control**
  - PDL/LM and PLO/LM tested for ability to initiate differentiation (neurite outgrowth) of NG-108 rat glioma/mouse neuroblastoma cells
  - LM/HFN tested for receptor agonist induced changes in intracellular calcium using Fluo-3A (a long wavelength fluorescent calcium indicator) in primary rat cortical neuron enriched cultures
  - Tested and found negative for bacteria and fungi

  Storage
- 2° to 8°C. Do not freeze.

Well Number

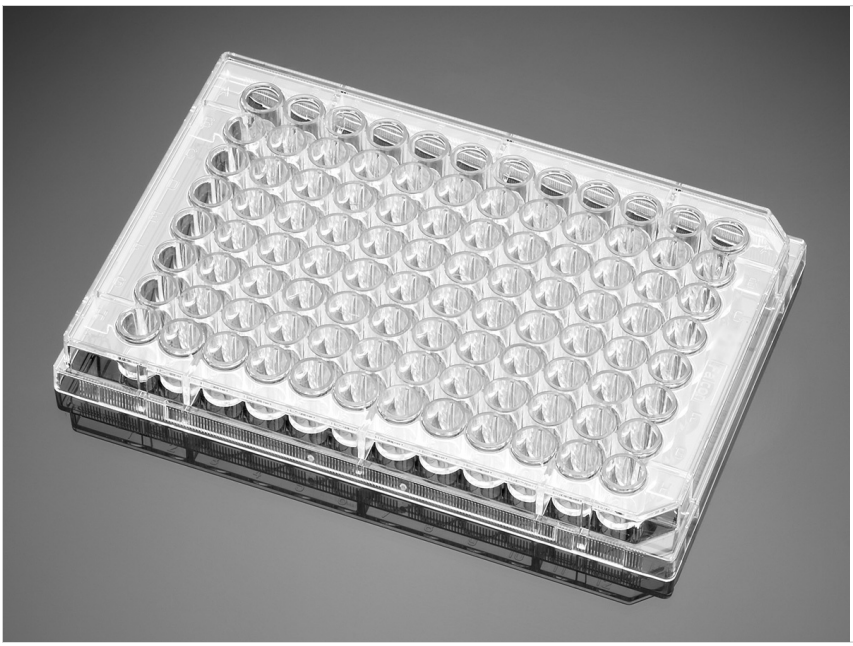
6-well
24-well

Products

Product Number	354658
Product Name	Corning® BioCoat® Poly-L-Ornithine/Laminin 6-well Clear Flat Bottom TC-treated Multiwell Plate, with Lid, 5/Case
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs

Product Number	354659
Product Name	Corning® BioCoat® Poly-L-Ornithine/Laminin 24-well Clear Flat Bottom TC-treated Multiwell Plate, with Lid, 5/Case
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs

Corning® 96-well BioCoat® and Corning PureCoat™ Microplates



Format

BioCoat, with Lid

Color

Clear

White and Clear

Surface Treatment

Collagen I

Collagen IV

Corning Matrigel Matrix

Fibronectin

Laminin

Qty/Pk

1/Pk

5/Pk

Qty/Cs

5/Cs

50/Cs

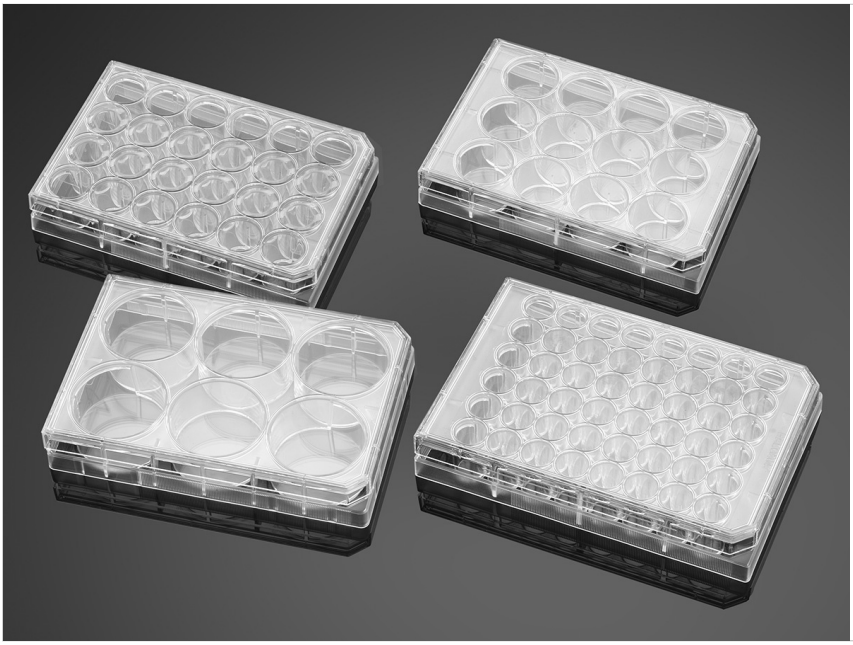
Products

Product Number	354409
Product Name	Corning® BioCoat® Fibronectin 96-well Clear Flat Bottom TC-treated Microplates, 5/Case
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs
Product Number	354410
Product Name	Corning® BioCoat® Laminin 96-well Clear Flat Bottom TC-treated Microplate with Lid, 5/Case
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs
Product Number	354429
Product Name	Corning® BioCoat® Collagen IV 96-well Clear Flat Bottom TC-treated Microplate, with Lid, 5/Case
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs
Product Number	354596
Product Name	Corning® BioCoat® Poly-D-Lysine/Laminin 96-well Clear Flat Bottom TC-treated Microplate, with Lid, 5/Case
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs
Product Number	354607
Product Name	Corning® BioCoat® Matrigel® Matrix Thin-Layer Clear Flat Bottom Multiwell Assay Plate, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs

Product Number	354657
Product Name	Corning® BioCoat® Poly-L-Ornithine/Laminin 96-well Clear Flat Bottom TC-treated Microplate, with Lid, 5/Case
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs

Product Number	356650
Product Name	Corning® BioCoat® Collagen I 96-well White/Clear Flat Bottom TC-treated Microplate, with Lid, 5/Pack, 50/Case
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs

Corning® BioCoat® Collagen I-coated Plates



Collagen I, found in most tissues and organs, is most plentiful in dermis, tendon, and bone. It is an integral part of the framework that holds cells and tissues together and has been recognized as a useful matrix for improving cell culture. *in vitro* use of collagen can exert effects on the adherence, morphology, growth, migration, and differentiation of a variety of cell types.

Applications include:

- Promotion of cell attachment and spreading
- Rapid expansion of cell populations
- Serum-free or reduced serum culture
- Cell adhesion assays
- Improving survival of primary cells in culture

Source

- Rat tail tendon

Quality Control

- Tested for ability to promote attachment and spreading of HT-1080 human fibrosarcoma cells
- Tested and found negative for bacteria and fungi
- Collagen I purity >90% by SDS-PAGE

Storage

- 4°C to 30°C under dry conditions.

Qty/Cs

5/Cs
50/Cs

Well Number

6-well
12-well
24-well
48-well

Products

Product Number	354400
Product Name	Corning® BioCoat® Collagen I 6-well Clear Flat Bottom TC-treated Multiwell Plate, with Lid, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	354408
Product Name	Corning® BioCoat® Collagen I 24-well Clear Flat Bottom TC-treated Multiwell Plate, with Lid, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	354500
Product Name	Corning® BioCoat® Collagen I 12-well Clear Flat Bottom TC-treated Multiwell Plate, with Lid, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	354505
Product Name	Corning® BioCoat® Collagen I 48-well Clear Flat Bottom TC-treated Multiwell Plate, with Lid, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	356400
Product Name	Corning® BioCoat® Collagen I 6-well Clear Flat Bottom TC-treated Multiwell Plate, with Lid, 5/Pack, 50/Case
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs

Product Number	356408
Product Name	Corning® BioCoat® Collagen I 24-well Clear Flat Bottom TC-treated Multiwell Plate, with Lid, 5/Pack, 50/Case
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs
Product Number	356500
Product Name	Corning® BioCoat® Collagen I 12-well Clear Flat Bottom TC-treated Multiwell Plate, with Lid, 5/Pack, 50/Case
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs
Product Number	356505
Product Name	Corning® BioCoat® Collagen I 48-well Clear Flat Bottom TC-treated Multiwell Plate, with Lid, Nonsterile, 10 sleeves of 5, 50/cs
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs

Corning® PureCoat™ ECM Mimetic Cultureware Flasks

Corning ECM mimetic surfaces and substrates contain biologically active, synthetic, animal-free peptides that have been rationally designed to mimic the cell attachment motifs of native ECM proteins. The peptides enable optimal cell binding and signaling in a broad range of serum-free, xeno-free, and animal-free media formulations, supporting the propagation and differentiation of a range of stem, progenitor, and primary cell types.

Corning PureCoat cultureware is coated with biologically active, synthetic, animal-free peptides that are covalently linked to a proprietary surface to provide a highly consistent, cost-effective alternative to self-coated extracellular peptides. The proprietary covalent linkage orients the peptides for optimal binding and signaling.

Surface Treatment

PureCoat ECM Mimetic Collagen I Peptide
PureCoat ECM Mimetic Fibronectin Peptide

Surface Area

75 cm^2
175 cm^2
525 cm^2
875 cm^2

Products

Product Number	356242
Product Name	Corning® PureCoat™ Fibronectin Peptide 75cm² Rectangular Canted Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	10 / Cs
Product Number	356243
Product Name	Corning® PureCoat™ Fibronectin Peptide 175cm² Rectangular Canted Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	10 / Cs
Product Number	356244
Product Name	Corning® PureCoat™ Fibronectin Peptide 525cm² Rectangular Straight Neck Cell Culture Multi-Flask, 3-layer with Vented Cap
Qty./Pk	1 / Pk
Qty./Cs	8 / Cs
Product Number	356245
Product Name	Corning® PureCoat™ Fibronectin Peptide 875cm² Rectangular Straight Neck Cell Culture Multi-Flask, 5-layer with Vented Cap
Qty./Pk	1 / Pk
Qty./Cs	6 / Cs
Product Number	356272
Product Name	Corning® PureCoat™ Collagen I Peptide 75cm² Rectangular Canted Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	10 / Cs

Product Number	356273
Product Name	Corning® PureCoat™ Collagen I Peptide 175cm² Rectangular Canted Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	10 / Cs
Product Number	356274
Product Name	Corning® PureCoat™ Collagen I 525cm² Rectangular Straight Neck Cell Culture Multi-Flask, 3-layer with Vented Cap
Qty./Pk	1 / Pk
Qty./Cs	8 / Cs
Product Number	356275
Product Name	Corning® PureCoat™ Collagen I 875cm² Rectangular Straight Neck Cell Culture Multi-Flask, 5-layer with Vented Cap
Qty./Pk	1 / Pk
Qty./Cs	6 / Cs

Corning® BioCoat® Collagen I-coated Flasks

Collagen I, found in most tissues and organs, is most plentiful in dermis, tendon, and bone. It is an integral part of the framework that holds cells and tissues together and has been recognized as a useful matrix for improving cell culture. *in vitro* use of collagen can exert effects on the adherence, morphology, growth, migration, and differentiation of a variety of cell types.

Applications include:

- Promotion of cell attachment and spreading
- Rapid expansion of cell populations
- Serum-free or reduced serum culture
- Cell adhesion assays
- Improving survival of primary cells in culture

Source

- Rat tail tendon

Quality Control

- Tested for ability to promote attachment and spreading of HT-1080 human fibrosarcoma cells
- Tested and found negative for bacteria and fungi
- Collagen I purity >90% by SDS-PAGE

Storage

- 4°C to 30°C under dry conditions.

Qty/Cs

5/Cs
10/Cs
40/Cs
50/Cs

Surface Area

25 cm^2
75 cm^2
150 cm^2
175 cm^2

Products

Product Number	354484
Product Name	Corning® BioCoat® Collagen I 25cm² Rectangular Canted Neck Cell Culture Flask with Vented Cap
Qty./Pk	10 / Pk
Qty./Cs	10 / Cs
Product Number	354485
Product Name	Corning® BioCoat® Collagen I 75cm² Rectangular Canted Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	354486
Product Name	Corning® BioCoat® Collagen I 150cm² Rectangular Canted Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	354487
Product Name	Corning® BioCoat® Collagen I 175cm² Rectangular Straight Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	356484
Product Name	Corning® BioCoat® Collagen I 25cm² Rectangular Canted Neck Cell Culture Flask with Vented Cap
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs

Product Number	356485
Product Name	Corning® BioCoat® Collagen I 75cm² Rectangular Canted Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs
Product Number	356486
Product Name	Corning® BioCoat® Collagen I 150cm² Rectangular Canted Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	40 / Cs
Product Number	356487
Product Name	Corning® BioCoat® Collagen I 175cm² Rectangular Straight Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	40 / Cs

Corning® BioCoat® Collagen IV-coated Plates

Type IV Collagen is a ubiquitous component in basement membranes and provides the major structural support for this matrix. When the Collagen IV meshwork is assembled, it provides a scaffold for the assembly of other basement membrane components through interactions with laminin, entactin/nidogen, and heparan sulfate proteoglycan. Collagen IV is useful as a substrate for growth of epithelial, endothelial, muscle, and nerve cells. Collagen plays a role in the regulation of cell growth, differentiation and adhesion, as well as tissue formation.

Applications include:

- Promotion of cell attachment and spreading
- Cell differentiation and neurite outgrowth
- Increased proliferation of PC12 cells
- Studies of effects of collagen IV on cell behavior
- Cell adhesion assays

Source

- Engelbreth-Holm-Swarm (EHS) lathrytic mouse tumor

Quality Control

- Tested for ability to initiate differentiation (neurite outgrowth) of NG-108 rat glioma/mouse neuroblastoma cells
- Tested and found negative for bacteria and fungi
- Collagen IV purity >90% by SDS-PAGE

Storage

- 2°C to 8°C. Do not freeze.

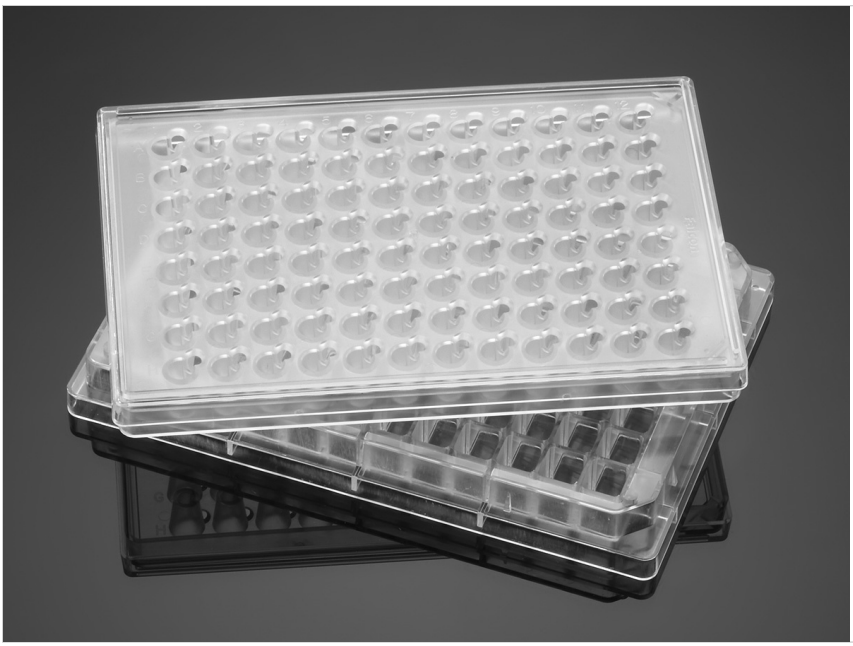
Well Number

6-well
12-well

Products

Product Number	354428
Product Name	Corning® BioCoat® Collagen IV 6-well Clear Flat Bottom TC-treated Multiwell Plate, with Lid, 5/Case
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs
Product Number	354430
Product Name	Corning® BioCoat® Collagen IV 24-well Clear Flat Bottom TC-treated Multiwell Plate, with Lid, 5/Case
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs

Corning® BioCoat® (Matrigel® matrix) Tumor Invasion Systems, FluoroBlok™ PET Membrane



HTS insert plates are arrays of individual cell culture inserts connected by a rigid, robotics-friendly holder. This single-unit design makes insert plates ideal for running cell migration and invasion studies.

Diameter

3.2 mm
6.4 mm

Qty/Cs

1/Cs
5/Cs

Products

Product Number	354165
Product Name	Corning® BioCoat® Tumor Invasion 24-well Plate, with Lid, 1/Pack, 1/Case
Qty./Pk	1 / Pk
Qty./Cs	1 / Ea

Product Number	354166
Product Name	Corning® BioCoat® Tumor Invasion 24-well Plate, with Lid, 5/Pack, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	354167
Product Name	Corning® BioCoat® Tumor Invasion 96-well Microplate, with Lid, 1/Pack, 1/Case
Qty./Pk	1 / Pk
Qty./Cs	1 / Ea
Product Number	354168
Product Name	Corning® BioCoat® Tumor Invasion 96-well Microplate, with Lid, 1/Pack, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs

Corning® Matrigel® Matrix - 3D Plates

Corning® Matrigel® matrix cultureware provides highly consistent and biologically functional pre-coated surfaces to more closely mimic in vivo environment for your cell culture application.

Corning Matrigel matrix is a solubilized basement membrane preparation extracted from the Engelbreth-Holm-Swarm (EHS) mouse sarcoma, a tumor rich in extracellular matrix proteins.

Well Number

96-well
384-well

Qty/Cs

1/Cs
5/Cs

Products

Product Number	356256
Product Name	Corning® Matrigel® Matrix - 3D Plate, 384-well, Black/Clear Square Bottom, Phenol Red-Free, Individually Wrapped, with Lid, 5/Cs
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs

Product Number	356257
Product Name	Corning® Matrigel® Matrix - 3D Plate, 384-well, White/Clear Square Bottom, Phenol Red-Free, Individually Wrapped, with Lid, 5/Cs
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs
Product Number	356258
Product Name	Corning® Matrigel® Matrix - 3D Plate, 384-well, White/Clear Square Bottom, Phenol Red-Free, Individually Wrapped, with Lid, 1/Cs
Qty./Pk	1 / Pk
Qty./Cs	1 / Ea
Product Number	356259
Product Name	Corning® Matrigel® Matrix - 3D Plate, 96-well, Phenol Red-Free, Black/Clear, Individually Wrapped, with Lid, 1/Cs
Qty./Pk	1 / Pk
Qty./Cs	1 / Ea

Corning® BioCoat® Poly-D-Lysine/Laminin Plates

For some applications, the use of a combination of ECM proteins, such as Laminin (LM) and Fibronectin (HFN) or LM and attachment factors such as Poly-D-Lysine (PDL) or Poly-L-Orinthine (PLO) has been shown superior to the use of either alone. Corning BioCoat PDL/LM and PLO/LM Cultureware is suitable for culturing many different types of Peripheral Nervous System (PNS) and Central Nervous System (CNS) networks and is useful for promoting neural cell attachment and differentiation. Corning BioCoat LM/HFN Cultureware provides an *in vitro* environment that promotes cell attachment and extensive process formation.

Applications include:

- Enhancement of neuronal cell attachment to plastic and glass
- Promotion of neurite outgrowth
- Culture of glial cells as a feeder layer for neurons
- Construction of neural cell model systems to study CNS function, development, and diseases

Source

- PDL, synthetic (MW 75-150 kD)
- PLO, synthetic (MW 30-70 kD)
- Laminin, EHS mouse tumor
- Fibronectin, human plasma
- NOTE: Source material tested for hepatitis B antigen and HIV-1 antibody.
- **Quality Control**
  - PDL/LM and PLO/LM tested for ability to initiate differentiation (neurite outgrowth) of NG-108 rat glioma/mouse neuroblastoma cells
  - LM/HFN tested for receptor agonist induced changes in intracellular calcium using Fluo-3A (a long wavelength fluorescent calcium indicator) in primary rat cortical neuron enriched cultures
  - Tested and found negative for bacteria and fungi

  Storage
- 2° to 8°C. Do not freeze.

Well Number

6-well
24-well

Products

Product Number	354595
Product Name	Corning® BioCoat® Poly-D-Lysine/Laminin 6 Well Clear Flat Bottom TC-Treated Multiwell Plate, with Lid, 5/Case
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs

Product Number	354619
Product Name	Poly-D-Lysine/Laminin 24-well Clear Flat Bottom TC-Treated Multiwell Plate, with Lid, 5/Case
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs

Corning® BioCoat® Gelatin Flasks

Corning BioCoat Gelatin cultureware provides an attachment and growth promoting substrate for the culture of a variety of cell types. Gelatin is commonly used in the culture of vascular endothelial cells, muscle, embryonic stem (ES) cells, and F9 teratocarcinoma cells. It is also suitable for promoting adhesion of transfected cell types. Gelatin is a heterogeneous mixture of water-soluble proteins derived through the hydrolysis of Collagen.

Applications include:

- Promotion of cell attachment and spreading
- Culture of normal and transfected F9 teratocarcinoma cells for gene expression studies
- Culture of HUVEC for E-Selectin7 expression and VEGF induction8

Source

- Gelatin, porcine

Quality Control

- Tested for ability to promote proliferation of HUVECs
- Tested and found negative for bacteria and fungi

Storage

- 4°C to 30°C under dry conditions.

Qty/Cs

5/Cs
50/Cs

Products

Product Number	354488
Product Name	Corning® BioCoat® Gelatin 75cm² Rectangular Canted Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	356488
Product Name	Corning® BioCoat® Gelatin 75cm² Rectangular Canted Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs

Corning® BioCoat® Collagen IV-coated Flasks

Type IV Collagen is a ubiquitous component in basement membranes and provides the major structural support for this matrix. When the Collagen IV meshwork is assembled, it provides a scaffold for the assembly of other basement membrane components through interactions with laminin, entactin/nidogen, and heparan sulfate proteoglycan. Collagen IV is useful as a substrate for growth of epithelial, endothelial, muscle, and nerve cells. Collagen plays a role in the regulation of cell growth, differentiation and adhesion, as well as tissue formation.

Applications include:

- Promotion of cell attachment and spreading
- Cell differentiation and neurite outgrowth
- Increased proliferation of PC12 cells
- Studies of effects of collagen IV on cell behavior
- Cell adhesion assays

Source

- Engelbreth-Holm-Swarm (EHS) lathrytic mouse tumor

Quality Control

- Tested for ability to initiate differentiation (neurite outgrowth) of NG-108 rat glioma/mouse neuroblastoma cells
- Tested and found negative for bacteria and fungi
- Collagen IV purity >90% by SDS-PAGE

Storage

- 2°C to 8°C. Do not freeze.

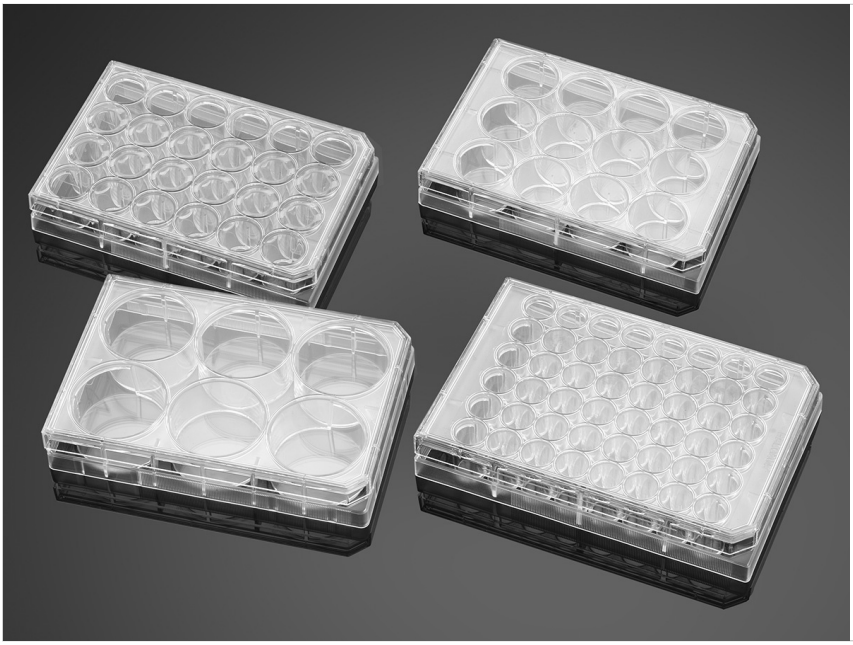
Surface Area

75 cm^2
175 cm^2

Products

Product Number	354523
Product Name	Corning® BioCoat® Collagen IV 75cm² Rectangular Canted Neck Cell Culture Flask with Plug Seal Cap
Qty./Pk	5 / Pk
Qty./Cs	10 / Cs
Product Number	354528
Product Name	Corning® BioCoat® Collagen IV 175cm² Rectangular Straight Neck Cell Culture Flask with Plug Seal Cap
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs

Corning® BioCoat® Laminin Plates



Laminin (LM), a major component of basement membranes, is a multifunctional glycoprotein that is used as a substrate to culture and maintain differentiated function of a wide variety of cells. Laminin has been shown in culture to stimulate neurite outgrowth, promote cell attachment, chemotaxis, cell differentiation, and neuronal survival.

Applications include:

- Promotion of cell attachment and spreading
- Induction of cell differentiation and neurite outgrowth
- Increases proliferation of myoblasts
- Studies of effects of laminin on cell behavior
- Cell adhesion assays

Source

- Engelbreth-Holm-Swarm (EHS) mouse tumor

Quality Control

- Tested for ability to initiate differentiation (neurite outgrowth) of NG-108 rat glioma/mouse neuroblastoma cells
- Tested and found negative for bacteria and fungi
- Laminin purity >90% by SDS-PAGE (contains entactin)

Storage

- 2°C to 8°C. Do not freeze.

Well Number

6-well
24-well

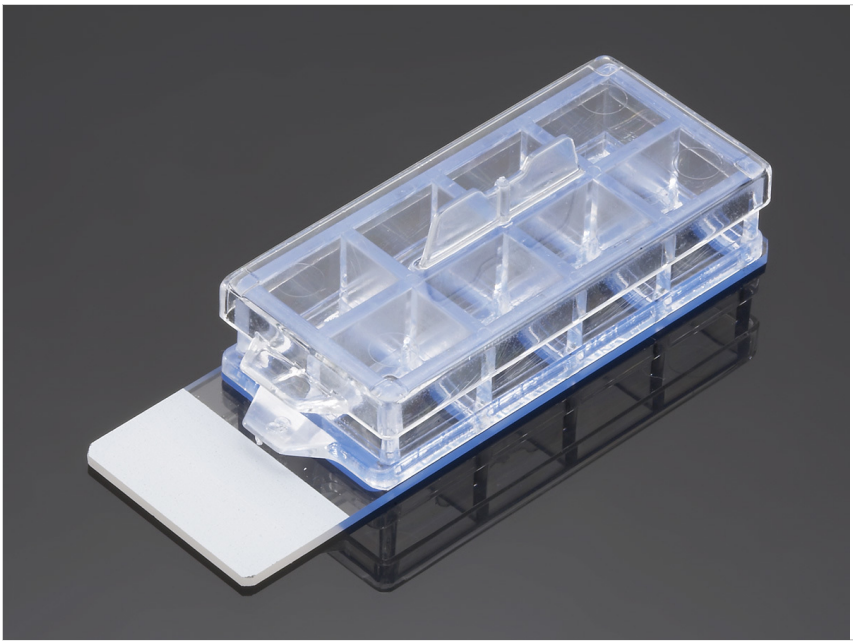
Products

Product Number	354404
Product Name	Corning® BioCoat® Laminin 6-well Clear Flat Bottom TC-treated Multiwell Plate, with Lid, 5/Case
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs

Product Number	354412
Product Name	Corning® BioCoat® Laminin 24-well Clear Flat Bottom TC-treated Multiwell Plate, with Lid, 5/Case
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs

Corning® BioCoat® Poly-D-Lysine/Laminin 8-well Culture Slide, 3/Pack, 12/Case

Product Number 354688



Corning® BioCoat™ 8-well culture slide with a uniform application of PDL/Laminin. Glass slide with polystyrene vessel, lid, and safety removal tool. 4/pack, 12/case. Corning BioCoat products are an ideal solution for enhanced cell attachment and growth of a variety of primary cells and transformed cells in serum-free or serum-containing cultures. Corning offers custom coating capabilities.

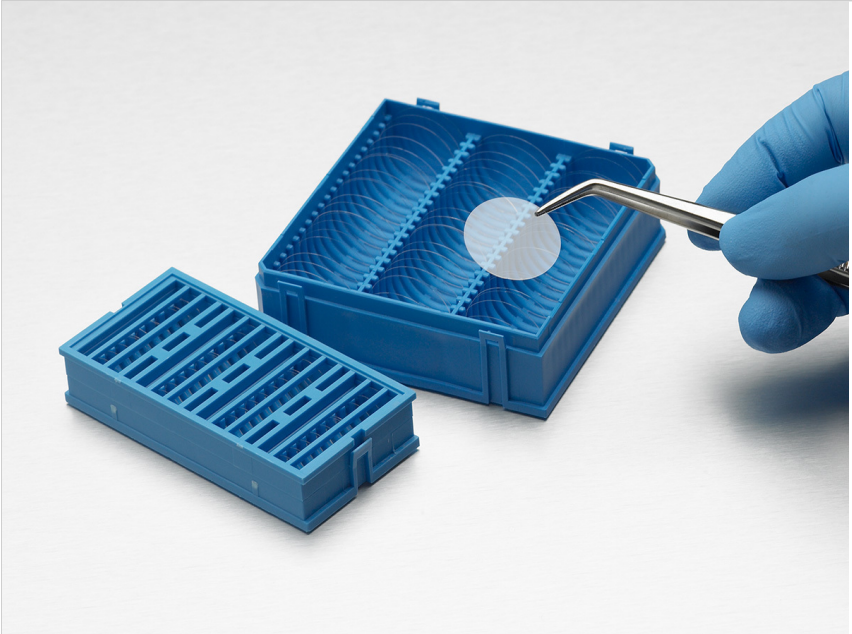
Shelf life: >= 3 months from date of shipment

Details

Product Number	354688
Qty./Pk	3 / Pk
Qty./Cs	12 / Cs
Brand	Corning®
Size	8 Wells
Storage	2° - 8°C
Surface Coating	Poly-D-Lysine/Laminin

Corning® BioCoat® Fibronectin 22 mm Round #1 German Glass Coverslip, Bulk Packed, 60/Case

Product Number 354088



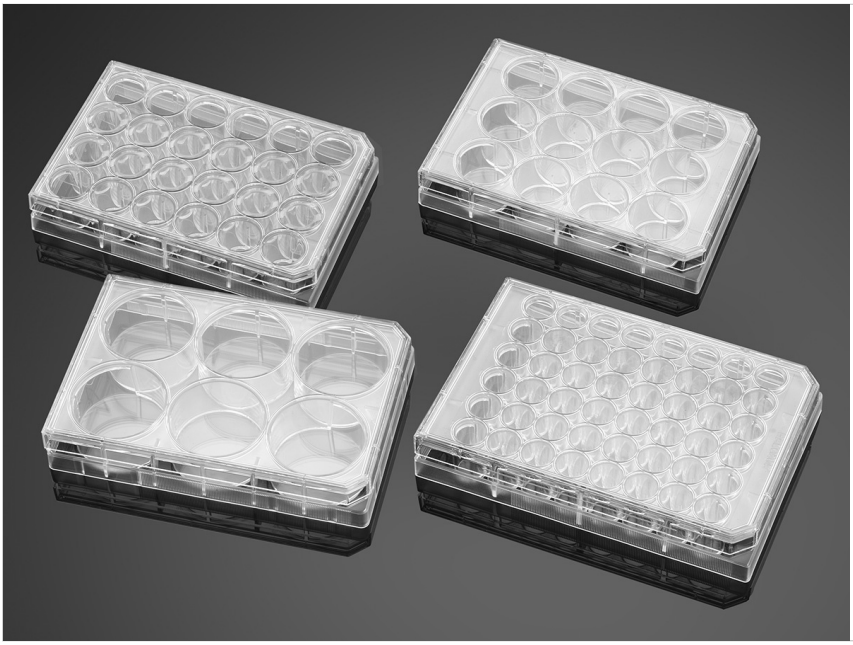
Corning® BioCoat™ 22x22mm #1 German Glass coverslip with a uniform application of human fibronectin. Bulk packed, 60/case. Corning BioCoat products are an ideal solution for enhanced cell attachment and growth of a variety of primary cells and transformed cells in serum-free or serum-containing cultures. Corning offers custom coating capabilities.

Shelf life: >= 3 months from date of shipment

Details

Product Number	354088
Qty./Pk	60 / Pk
Qty./Cs	60 / Cs
Brand	Corning®
Size	22 mm
Storage	2° - 8°C
Surface Coating	Fibronectin

Corning® BioCoat® Fibronectin-coated Plates



Human Fibronectin (HFN) is a widely distributed glycoprotein that is used as a substrate to promote attachment of cells through its central-binding domain RGD sequence. HFN is a product of most mesenchymal and epithelial cells and is present in both the ECM and plasma. The principal function of HFN appears to be in cellular migration during wound healing and development, regulation of cell growth and differentiation, and haemostasis/thrombosis.

Applications include:

- Promotion of cell attachment and spreading
- Rapid expansion of cell populations
- Serum-free or reduced-serum culture
- Cell adhesion assays
- Studies of effects of HFN on cell behavior
- Improving survival of primary cells in culture

Source

- Human plasma

NOTE: Source material tested for hepatitis B antigen and HIV-1 antibody

Quality Control

- Tested for ability to promote attachment and spreading of BHK-21 hamster kidney cells
- Tested and found negative for bacteria and fungi
- Fibronectin purity >90% by SDS-PAGE

Storage

- 2°C to 8°C. Do not freeze.

Well Number

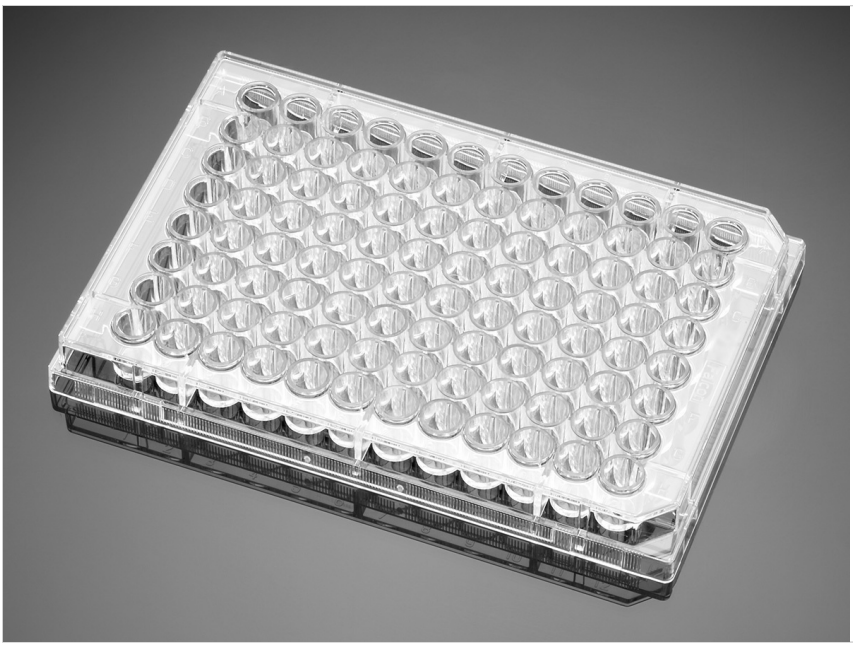
6-well
24-well

Products

Product Number	354402
Product Name	Corning® BioCoat® Fibronectin 6-well Clear Flat Bottom TC-Treated Multiwell Plate, with Lid, 5/Case
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs

Product Number	354411
Product Name	Corning® BioCoat® Fibronectin 24-well Clear Flat Bottom TC-Treated Multiwell Plate, with Lid, 5/Case
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs

Corning® BioCoat® Poly-L-Lysine-coated Microplates



Poly-D-Lysine (PDL) and Poly-L-Lysine (PLL) are synthetic compounds that enhance cell adhesion and protein absorption by altering surface charges on the culture substrate. In addition to promoting cell adhesion, poly-lysine surface treatments support neurite outgrowth and improve the survival of many central nervous system (CNS) primary cells in culture. As PDL and PLL are synthetic molecules, they do not stimulate biological activity in the cells cultured on them, and they do not introduce impurities carried by natural polymers.

Applications include:

- Attachment and spreading of a variety of cell types
- Cell differentiation and neurite outgrowth
- Attachment of fastidious transfected cell lines
- Support survival of primary neurons in culture
- Serum-free or reduced-serum culture

Source

- PDL, synthetic (MW 75-150 kD)
- PLL, synthetic (MW 30-70 kD)

Quality Control

- Tested for ability to promote firm attachment of RCG cells
- Tested and found negative for bacteria and fungi

Storage

- 4°C to 30°C under dry conditions.

Qty/Cs

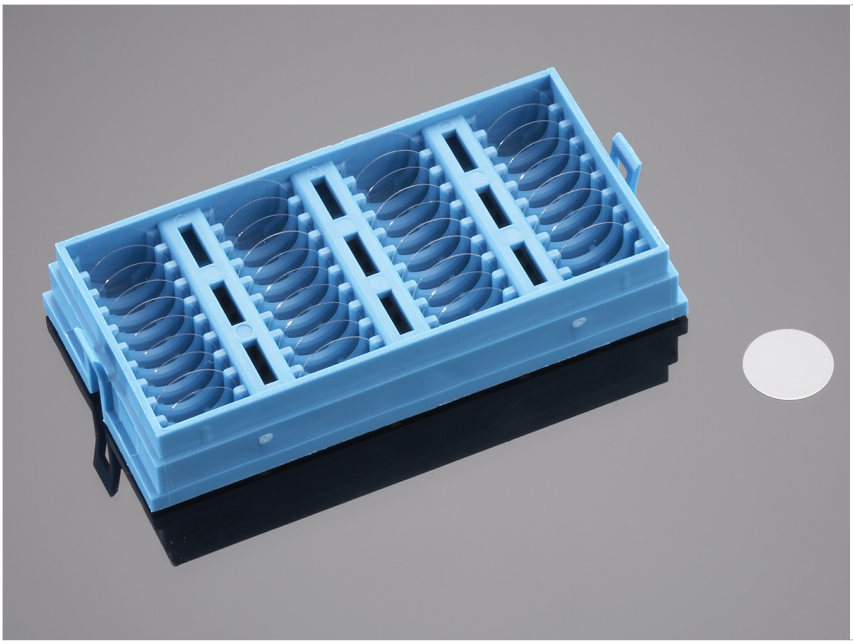
5/Cs
50/Cs

Products

Product Number	354516
Product Name	Corning® BioCoat® Poly-L-Lysine 96-well Clear TC-treated Flat Bottom Microplate, with Lid, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	356516
Product Name	Corning® BioCoat® Poly-L-Lysine 96-well Clear TC-treated Flat Bottom Assay Plate, with Lid, 5/Pack, 50/Case
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs

Corning® BioCoat® Poly-L-Lysine 12 mm #1 German Glass Coverslip, 40/Pack, 80/Case

Product Number 354085



Corning® BioCoat™ 12mm #1 German Glass coverslip with a uniform application of Poly-L-Lysine. 40/pack, 80/case. Corning BioCoat products are an ideal solution for enhanced cell attachment and growth of a variety of primary cells and transformed cells in serum-free or serum-containing cultures. Corning offers custom coating capabilities.

Shelf life: >= 3 months from date of shipment

Details

Product Number	354085
Qty./Pk	80 / Pk
Qty./Cs	80 / Cs
Brand	Corning®
Size	12 mm
Storage	2° - 8°C
Surface Coating	Poly-L-Lysine

Corning® BioCoat® Poly-L-Lysine-coated Plates

Poly-D-Lysine (PDL) and Poly-L-Lysine (PLL) are synthetic compounds that enhance cell adhesion and protein absorption by altering surface charges on the culture substrate. In addition to promoting cell adhesion, poly-lysine surface treatments support neurite outgrowth and improve the survival of many central nervous system (CNS) primary cells in culture. As PDL and PLL are synthetic molecules, they do not stimulate biological activity in the cells cultured on them, and they do not introduce impurities carried by natural polymers.

Applications include:

- Attachment and spreading of a variety of cell types
- Cell differentiation and neurite outgrowth
- Attachment of fastidious transfected cell lines
- Support survival of primary neurons in culture
- Serum-free or reduced-serum culture

Source

- PDL, synthetic (MW 75-150 kD)
- PLL, synthetic (MW 30-70 kD)

Quality Control

- Tested for ability to promote firm attachment of RCG cells
- Tested and found negative for bacteria and fungi

Storage

- 4°C to 30°C under dry conditions.

Qty/Cs

5/Cs
50/Cs

Products

Product Number	354515
Product Name	Corning® BioCoat® Poly-L-Lysine 6-well Clear Flat Bottom TC-treated Multiwell Plate, with Lid, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	356515
Product Name	Corning® BioCoat® Poly-L-Lysine 6-well Clear Flat Bottom TC-treated Multiwell Plate, with Lid, 5/Pack, 50/Case
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs

Corning® BioCoat® Laminin Flasks

Laminin (LM), a major component of basement membranes, is a multifunctional glycoprotein that is used as a substrate to culture and maintain differentiated function of a wide variety of cells. Laminin has been shown in culture to stimulate neurite outgrowth, promote cell attachment, chemotaxis, cell differentiation, and neuronal survival.

Applications include:

- Promotion of cell attachment and spreading
- Induction of cell differentiation and neurite outgrowth
- Increases proliferation of myoblasts
- Studies of effects of laminin on cell behavior
- Cell adhesion assays

Source

- Engelbreth-Holm-Swarm (EHS) mouse tumor

Quality Control

- Tested for ability to initiate differentiation (neurite outgrowth) of NG-108 rat glioma/mouse neuroblastoma cells
- Tested and found negative for bacteria and fungi
- Laminin purity >90% by SDS-PAGE (contains entactin)

Storage

- 2°C to 8°C. Do not freeze.

Surface Area

75 cm^2

Products

Product Number	354522
Product Name	Corning® BioCoat® Laminin 75cm² Rectangular Canted Neck Cell Culture Flask with Plug Seal Cap
Qty./Pk	5 / Pk
Qty./Cs	10 / Cs

Corning® PureCoat™ ECM Mimetic Cultureware Plates

Corning ECM mimetic surfaces and substrates contain biologically active, synthetic, animal-free peptides that have been rationally designed to mimic the cell attachment motifs of native ECM proteins. The peptides enable optimal cell binding and signaling in a broad range of serum-free, xeno-free, and animal-free media formulations, supporting the propagation and differentiation of a range of stem, progenitor, and primary cell types.

Corning PureCoat cultureware is coated with biologically active, synthetic, animal-free peptides that are covalently linked to a proprietary surface to provide a highly consistent, cost-effective alternative to self-coated extracellular peptides. The proprietary covalent linkage orients the peptides for optimal binding and signaling.

Surface Treatment

PureCoat ECM Mimetic Collagen I Peptide
PureCoat ECM Mimetic Fibronectin Peptide

Well Number

6-well
24-well

Products

Product Number	356240
Product Name	Corning® PureCoat™ Fibronectin Peptide 6-well Flat Bottom, with Lid, Individually Wrapped, Sterile, 10/Case
Qty./Pk	1 / Pk
Qty./Cs	10 / Cs

Product Number	356241
Product Name	Corning® PureCoat™ Fibronectin Peptide 24-well Clear Plate, with Lid, Individually Wrapped, Sterile, 10/Case
Qty./Pk	1 / Pk
Qty./Cs	10 / Cs
Product Number	356270
Product Name	Corning® PureCoat™ Collagen I Peptide 6-well Flat Bottom TC-treated Plate, with Lid, Sterile, 5/Pack, 10/Case
Qty./Pk	5 / Pk
Qty./Cs	10 / Cs
Product Number	356271
Product Name	Corning® PureCoat™ Collagen I Peptide 24-well Clear Plate, with Lid, Sterile, 5/Pack, 10/Case
Qty./Pk	5 / Pk
Qty./Cs	10 / Cs

Corning® PureCoat™ ECM Mimetic Cultureware Flasks

Corning ECM mimetic surfaces and substrates contain biologically active, synthetic, animal-free peptides that have been rationally designed to mimic the cell attachment motifs of native ECM proteins. The peptides enable optimal cell binding and signaling in a broad range of serum-free, xeno-free, and animal-free media formulations, supporting the propagation and differentiation of a range of stem, progenitor, and primary cell types.

Corning PureCoat cultureware is coated with biologically active, synthetic, animal-free peptides that are covalently linked to a proprietary surface to provide a highly consistent, cost-effective alternative to self-coated extracellular peptides. The proprietary covalent linkage orients the peptides for optimal binding and signaling.

Surface Treatment

PureCoat ECM Mimetic Collagen I Peptide
PureCoat ECM Mimetic Fibronectin Peptide

Surface Area

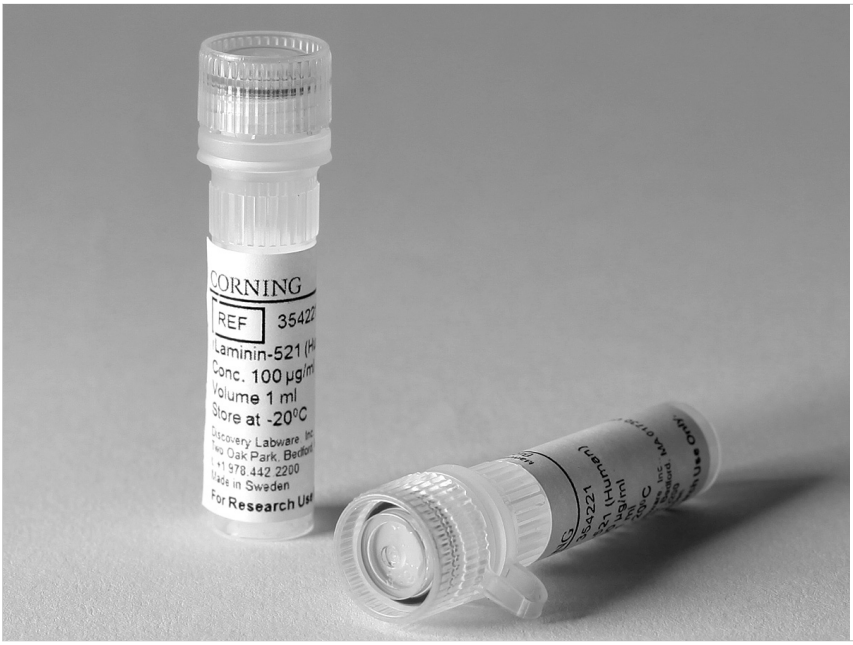
75 cm^2
175 cm^2
525 cm^2
875 cm^2

Products

Product Number	356242
Product Name	Corning® PureCoat™ Fibronectin Peptide 75cm² Rectangular Canted Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	10 / Cs
Product Number	356243
Product Name	Corning® PureCoat™ Fibronectin Peptide 175cm² Rectangular Canted Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	10 / Cs
Product Number	356244
Product Name	Corning® PureCoat™ Fibronectin Peptide 525cm² Rectangular Straight Neck Cell Culture Multi-Flask, 3-layer with Vented Cap
Qty./Pk	1 / Pk
Qty./Cs	8 / Cs
Product Number	356245
Product Name	Corning® PureCoat™ Fibronectin Peptide 875cm² Rectangular Straight Neck Cell Culture Multi-Flask, 5-layer with Vented Cap
Qty./Pk	1 / Pk
Qty./Cs	6 / Cs
Product Number	356272
Product Name	Corning® PureCoat™ Collagen I Peptide 75cm² Rectangular Canted Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	10 / Cs

Product Number	356273
Product Name	Corning® PureCoat™ Collagen I Peptide 175cm² Rectangular Canted Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	10 / Cs
Product Number	356274
Product Name	Corning® PureCoat™ Collagen I 525cm² Rectangular Straight Neck Cell Culture Multi-Flask, 3-layer with Vented Cap
Qty./Pk	1 / Pk
Qty./Cs	8 / Cs
Product Number	356275
Product Name	Corning® PureCoat™ Collagen I 875cm² Rectangular Straight Neck Cell Culture Multi-Flask, 5-layer with Vented Cap
Qty./Pk	1 / Pk
Qty./Cs	6 / Cs

Corning® rLaminin-521 (Human)



Corning extracellular matrices (ECMs) enable researchers to mimic *in vivo* environments for 2D and 3D cell culture applications.

Corning rLaminin-521 is the next generation pluripotent stem cell (PSC) surface that enables researchers to streamline culture workflow, lower contamination risk, and scale-up efficiently. Corning has partnered with BioLamina for the supply of recombinant human Laminin 521 (rLaminin-521), a biocompatible, full length Laminin that enables feeder-free, clump-free, single-cell passaging of PSCs without ROCK-inhibitor.

Type

rLaminin-521, Human
rLaminin-521, Human, 1 mg
rLaminin-521, Human, 5 mg

Size

500 µg
100 mg

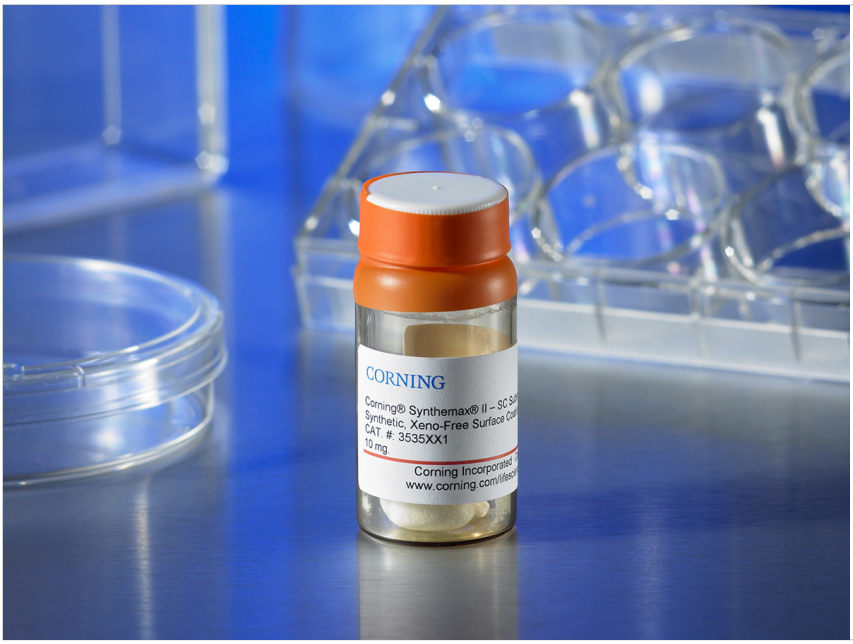
Products

Product Number	354221
Product Name	Corning® rLaminin-521, Human, 100µg Vial
Qty./Pk	1 / Pk
Qty./Cs	1 / Ea

Product Number	354222
Product Name	Corning® rLaminin-521, Human, 1 mg (10 x 100µg Vials)
Qty./Pk	1 / Pk
Qty./Cs	1 / Ea
Product Number	354223
Product Name	Corning® rLaminin-521, Human, 5 mg (10 x 500µg Vials)
Qty./Pk	1 / Pk
Qty./Cs	1 / Ea
Product Number	354224
Product Name	Corning® rLaminin-521, Human, 500µg Vial
Qty./Pk	1 / Pk
Qty./Cs	1 / Ea

Corning® Synthemax® II-SC Substrate, 10 mg Vial

Product Number 3535



(This is the suggested replacement for 3976XX1, 3972XX1, 3973XX1, 3978XX1, 3977XX1, 3983XX1, 3877, 3984, 3979XX1, 3876XX1, 3979)

The Corning Synthemax® II-SC Substrate is an easy-to-use, self-coating material for creating a unique synthetic surface that mimics the natural cell environment. This surface supports the adhesion and expansion of stem cells in their undifferentiated state and directed differentiation into specialized cell types.

- Easy to use
- Able to coat plastic and glass surfaces
- Lot traceable
- Irradiated
- Quality tested for lot-to-lot consistency
- Store at -20°C

Details

Product Number	3535
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Brand	Corning®
Size	10 mg

Corning® CellSTACK® Culture Chambers

Available in five sizes:

- 1-Stack with 636 cm² cell growth area
- 2-Stack with 1,272 cm² cell growth area
- 5-Stack with 3,180 cm² cell growth area
- 10-Stack with 6,360 cm² cell growth area
- 40-Stack with 25,440 cm² cell growth area

Choice of traditional surface treatment, Corning CellBIND® surface for enhanced cell attachment, or Ultra-Low Attachment surface for reduced cell attachment on selected CellSTACK products.

- Corning CellBIND surface
  - Great for reducing serum levels
  - Better attachment increases cell yields
- Ultra-Low Attachment surface
  - Maintains cells in a suspended, unattached state
  - Prevents attachment-mediated differentiation
  - Prevents anchorage-dependent cells from dividing
  - Reduces binding of attachment and serum proteins to the substrate
- Greater chamber durability
  - Superior mechanical strength and structural integrity
  - Self venting caps prevent pressure build-up during transport
  - 100% leak-tested prior to shipping
- Greater cleanliness
- Sterile
- Nonpyrogenic
- Continuous supply reliability – manufactured in USA under GMP conditions
- Easier to use
  - Larger openings with threaded closures and vented caps
  - Footprint supports use in standard automation manipulation equipment

Chamber Number

1
2
5
10
40

Surface Treatment

Corning CellBIND

TC-treated

Ultra-Low Attachment

Qty/Cs

2 Pks/Cs

5 Pks/Cs

6 Pks/Cs

8 Pks/Cs

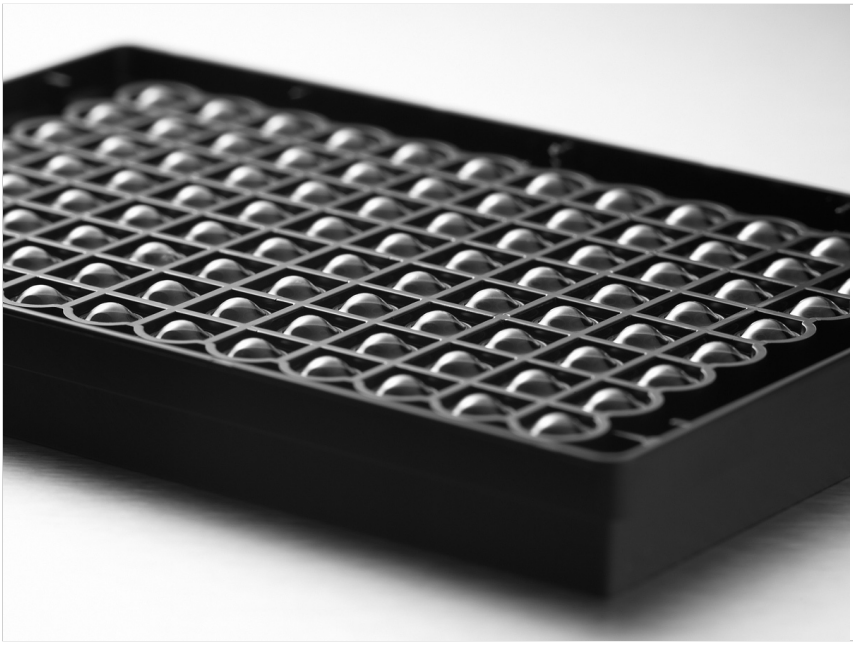
Products

Product Number	3268
Product Name	Polystyrene CellSTACK® - 1 Chamber with Vent Caps, 8 per Case
Qty./Pk	1 / Pk
Qty./Cs	8 / Cs
Product Number	3269
Product Name	Polystyrene CellSTACK® - 2 Chamber with Vent Caps, 5 per Case
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs
Product Number	3270
Product Name	Polystyrene CellSTACK® - 10 Chamber with Vent Caps, 2 per Case
Qty./Pk	1 / Pk
Qty./Cs	2 / Cs

Product Number	3271
Product Name	Polystyrene CellSTACK® - 10 Chamber with Vent Caps, 6 per Case
Qty./Pk	1 / Pk
Qty./Cs	6 / Cs
Product Number	3272
Product Name	Polystyrene CellSTACK® - 40 Chamber with Vent Caps, 2 per Case
Qty./Pk	1 / Pk
Qty./Cs	2 / Cs
Product Number	3303
Product Name	Polystyrene CellSTACK® - 1 Chamber with Ultra-Low Attachment Surface and Vent Caps, 8 per Case
Qty./Pk	1 / Pk
Qty./Cs	8 / Cs
Product Number	3310
Product Name	Corning® CellBIND® Polystyrene CellSTACK® - 2 Chamber with Vent Caps, 5 per Case
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs
Product Number	3311
Product Name	Corning® CellBIND® Polystyrene CellSTACK® - 5 Chamber with Vent Caps, 2 per Case
Qty./Pk	1 / Pk
Qty./Cs	2 / Cs

Product Number	3312
Product Name	Corning® CellBIND® Polystyrene CellSTACK® - 10 Chamber with Vent Caps, 2 per Case
Qty./Pk	1 / Pk
Qty./Cs	2 / Cs
Product Number	3313
Product Name	Polystyrene CellSTACK® - 5 Chamber with Vent Caps, 8 per Case
Qty./Pk	1 / Pk
Qty./Cs	8 / Cs

Corning® 96-well Spheroid Microplates



With their novel and proprietary design, these microplates are ideal for generating and analyzing 3D multicellular spheroids in the same microplate. The Ultra-Low Attachment (ULA) surface enables uniform and reproducible 3D multicellular spheroid formation. The black opaque microplate body shields each optically clear, round bottom well from well-to-well cross-talk.

- Optically clear round bottom with black opaque microplate body
- Covalent attachment of Ultra-Low Attachment surface to reduce cellular adhesion to well surface
- Novel well geometry aids in the generation of uniform, single spheroids across all wells, which enables automated visualization.
- Unique design shields each well to minimize well-to-well cross-talk.
- You can culture and assay spheroids in the same microplate, without the need for transfer to a new microplate.

Qty/Pk

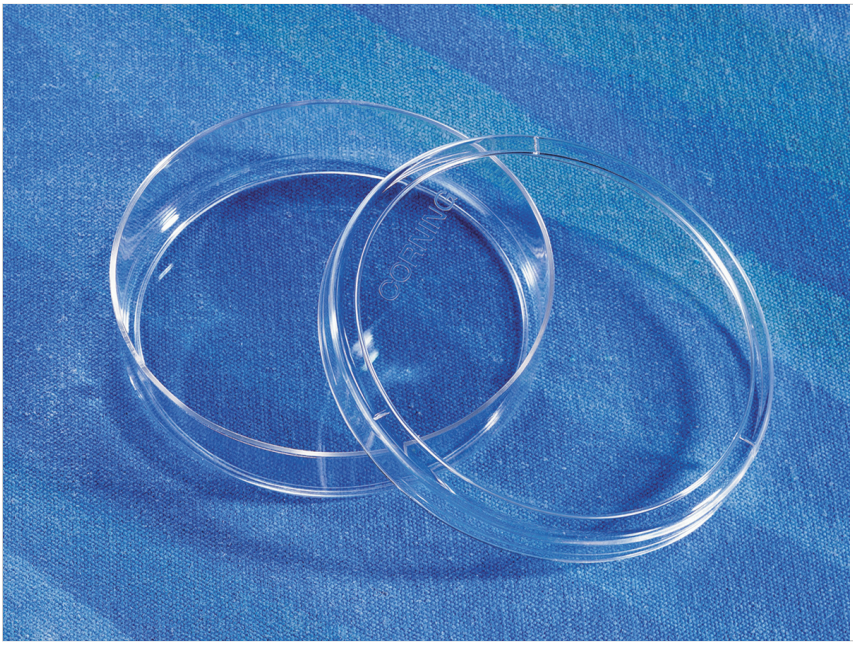
10/Pk
1/Pk

Products

Product Number	4515
Product Name	Corning® 96-well Black/Clear Round Bottom Ultra-Low Attachment Spheroid Microplate, with Lid, Sterile
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs

Product Number	4520
Product Name	Corning® 96-well Black/Clear Round Bottom Ultra-Low Attachment Surface Spheroid Microplate, Bulk Packed, with Lid, Sterile, 10/Bag
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs

Corning® Treated Culture Dishes



- Corning® CellBIND® surface is a novel cell culture treatment that increases surface wettability for more even and consistent cell attachment
- Ultra-Low Attachment surface dishes feature a covalently bound hydrogel layer that minimizes cell attachment, protein absorption, and cellular activation
- 10 dishes/bag are available for 100 mm dishes (Cat. No. 430293)
- 245 mm square dishes offer 500 cm² growth surface
- Stacking beads aid in handling
- Vents provide consistent gas exchange
- Manufactured from optically clear virgin polystyrene
- Sterile
- Nonpyrogenic

Dish style (mm) = actual growth surface diameters: 35 mm dish = 34.4 mm; 60 mm dish = 52.1 mm; 100 mm dish = 83.8 mm; 150 mm dish = 139.1 mm.

Cat. no. 431110, Square dishes with interior bottom dimensions of 224 x 224 mm.

Surface Treatment

Corning CellBIND
TC-treated
Ultra-Low Attachment

Dimensions

35 x 10 mm
60 x 15 mm
60 x 60 mm
100 x 20 mm
150 x 25 mm

Grid

No
Yes

Qty/Pk

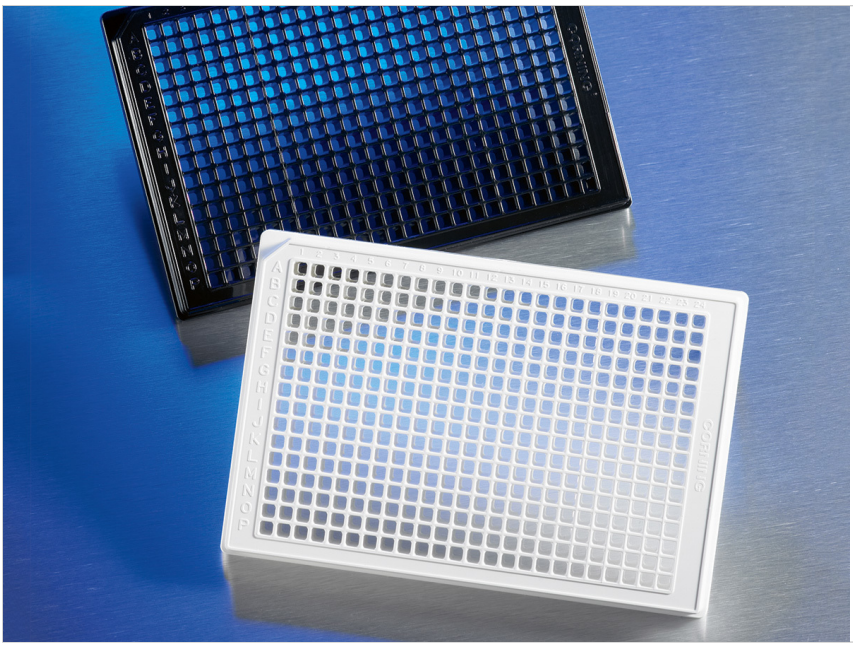
10/Pk
20/Pk
4/Pk
5/Pk
7/Pk

Products

Product Number	3261
Product Name	Corning® 60 mm Ultra-Low Attachment Culture Dish
Qty./Pk	5 / Pk
Qty./Cs	20 / Cs
Product Number	3294
Product Name	Corning® CellBIND® Surface 35 mm Culture Dish
Qty./Pk	10 / Pk
Qty./Cs	210 / Cs
Product Number	3295
Product Name	Corning® CellBIND® Surface 60 mm Culture Dish
Qty./Pk	7 / Pk
Qty./Cs	126 / Cs
Product Number	3296
Product Name	Corning® CellBIND® Surface 100 mm Culture Dish
Qty./Pk	5 / Pk
Qty./Cs	40 / Cs

Product Number	430165
Product Name	Corning® 35 mm TC-treated Culture Dish
Qty./Pk	20 / Pk
Qty./Cs	500 / Cs
Product Number	430166
Product Name	Corning® 60 mm TC-treated Culture Dish
Qty./Pk	20 / Pk
Qty./Cs	500 / Cs
Product Number	430167
Product Name	Corning® 100 mm TC-treated Culture Dish
Qty./Pk	20 / Pk
Qty./Cs	500 / Cs
Product Number	430196
Product Name	Corning® 60 mm with 2 mm Grid TC-treated Culture Dish
Qty./Pk	20 / Pk
Qty./Cs	500 / Cs
Product Number	430293
Product Name	Corning® 100 mm TC-treated Culture Dishes, 10/Pack
Qty./Pk	10 / Pk
Qty./Cs	480 / Cs
Product Number	430599
Product Name	Corning® 150 mm TC-treated Culture Dish
Qty./Pk	5 / Pk
Qty./Cs	60 / Cs

Corning® 384-well Black/Clear and White/Clear Bottom Polystyrene Microplates



Suited for fluorescent and luminescent assays using either top or bottom detection microplate readers.

Color

Black and Clear
White and Clear

Format

Low Flange
Low Flange, with Lid
Low Flange, with Lid, with Bar Code Labels
Low Volume
Low Volume, with Lid

Qty/Pk

10/Pk
20/Pk
25/Pk

Sterile

Yes
No

Surface Treatment

Collagen
Corning CellBIND
None

TC-treated

Fibronectin

Products

Product Number	3540
Product Name	Corning® Low Volume 384-well Black/Clear Flat Bottom Polystyrene Not Treated Microplate, 10 per Bag, without Lid, Nonsterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	3542
Product Name	Corning® Low Volume 384-well Black/Clear Flat Bottom Polystyrene TC-treated Microplate, 10 per Bag, with Lid, Sterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	3544
Product Name	Corning® Low Volume 384-well Black/Clear Flat Bottom Polystyrene NBS Microplate, 10 per Bag, without Lid, Nonsterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	3643
Product Name	Corning® Low Volume 384-well Black/Clear Flat Bottom Polystyrene Poly-D-Lysine Coated Microplate, 10 per Bag, with Lid, Aseptically Manufactured
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs

Product Number	3762
Product Name	Corning® 384-well Black/Clear Flat Bottom Polystyrene Not Treated Microplate, Low Flange, without Lid, Nonsterile
Qty./Pk	25 / Pk
Qty./Cs	100 / Cs
Product Number	3763
Product Name	Corning® 384-well White/Clear Flat Bottom Low Flange Polystyrene Not Treated Microplate
Qty./Pk	25 / Pk
Qty./Cs	100 / Cs
Product Number	3764
Product Name	Corning® 384-well Flat Clear Bottom Black Polystyrene TC-treated Microplates, Low Flange, 20 per Bag, with Lid, Sterile
Qty./Pk	20 / Pk
Qty./Cs	100 / Cs
Product Number	3764BC
Product Name	Corning® 384-well Flat Clear Bottom Black Polystyrene TC-treated Microplates, Low Flange, 20 per Bag, with Lid, Sterile
Qty./Pk	20 / Pk
Qty./Cs	100 / Cs
Product Number	3765
Product Name	Corning® 384-well Flat Clear Bottom White Polystyrene TC-treated Microplates, 20 per Bag, with Lid, Sterile
Qty./Pk	20 / Pk
Qty./Cs	100 / Cs

Product Number	3766
Product Name	Corning® 384-well Black/Clear Flat Bottom Polystyrene NBS Microplate, Low Flange, without Lid, Nonsterile
Qty./Pk	25 / Pk
Qty./Cs	100 / Cs

Corning® and Costar® Cell Culture Flasks

Surface Area

25 cm^2

75 cm^2

150 cm^2

175 cm^2

225 cm^2

Surface Treatment

Corning CellBIND

None

TC-treated

Ultra-Low Attachment

Flask Style

Rectangular

U-shaped

Traditional

Cap Style

Phenolic

Plug Seal

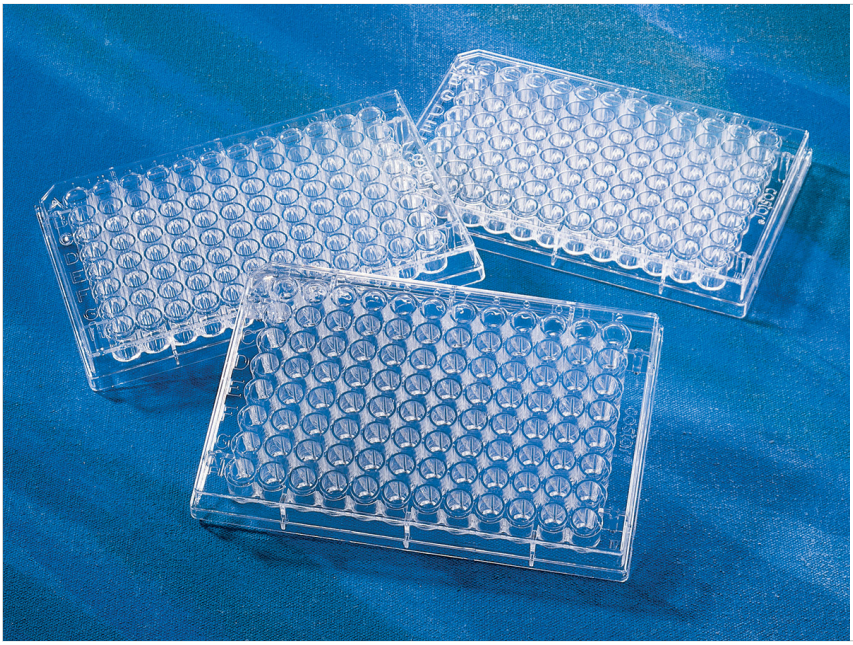
Vent

Products

Product Number	3289
Product Name	Corning® CellBIND® 25cm² Rectangular Canted Neck Cell Culture Flask with Vent Cap
Qty./Pk	20 / Pk
Qty./Cs	200 / Cs
Product Number	3290
Product Name	Corning® CellBIND® 75cm² U-Shaped Canted Neck Cell Culture Flask with Vent Cap
Qty./Pk	5 / Pk
Qty./Cs	100 / Cs
Product Number	3291
Product Name	Corning® CellBIND® 150cm² U-Shaped Canted Neck Cell Culture Flask with Vent Cap
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs
Product Number	3292
Product Name	Corning® CellBIND® 175cm² U-Shaped Angled Neck Cell Culture Flask with Vent Cap
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs
Product Number	3292A
Product Name	Corning® CellBIND® 175cm² U-Shape Angled Neck Cell Culture Flask with Phenolic-Style Cap
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs

Product Number	3293
Product Name	Corning® CellBIND® 225cm² Angled Neck Cell Culture Flask with Vent Cap
Qty./Pk	5 / Pk
Qty./Cs	25 / Cs
Product Number	3814
Product Name	Corning® Ultra-Low Attachment 75cm² U-Flask Canted Neck Cell Culture Flask with Vent Cap
Qty./Pk	4 / Pk
Qty./Cs	24 / Cs
Product Number	430168
Product Name	Corning® 25cm² Rectangular Canted Neck Cell Culture Flask with Plug Seal Cap
Qty./Pk	20 / Pk
Qty./Cs	500 / Cs
Product Number	430372
Product Name	Corning® 25cm² Rectangular Canted Neck Cell Culture Flask with Phenolic-Style Cap
Qty./Pk	20 / Pk
Qty./Cs	500 / Cs
Product Number	430639
Product Name	Corning® 25cm² Rectangular Canted Neck Cell Culture Flask with Vent Cap
Qty./Pk	20 / Pk
Qty./Cs	200 / Cs

Corning® 96-well Clear Polystyrene Microplates



- Cell culture microplates are sterile and nonpyrogenic.
- Lids available where indicated

Cat. nos. 3798 and 3898 processed to improve hydrophilicity for hemagglutination and similar assays.

Cat. Nos. 3585 and 3595 have special low evaporation lids.

Cat. No. 3841 is aseptically manufactured.

Format

Half Area
Half Area, with Lid
Standard
Standard, with Lid

Qty/Pk

10/Pk
1/Pk
20/Pk
25/Pk
5/Pk

Sterile

Yes
No

Surface Treatment

Corning CellBIND
None

TC-treated

High Binding

High Binding

Well Bottom

Flat

Easy Wash

Round

V-bottom

Products

Product Number	3300
Product Name	Corning® CellBIND® 96-well Clear Flat Bottom Polystyrene Microplate, with Lid, Sterile
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs
Product Number	3358
Product Name	Corning® 96-well Clear Round Bottom TC-treated Microplate, 20 per Bag, with Lid, Sterile
Qty./Pk	20 / Pk
Qty./Cs	100 / Cs
Product Number	3360
Product Name	Corning® 96-well Clear Round Bottom TC-treated Microplate, 25 per Bag, without Lid, Sterile
Qty./Pk	25 / Pk
Qty./Cs	100 / Cs

Product Number	3361
Product Name	Corning® 96-well EIA/RIA Clear Flat Bottom Polystyrene High Bind Microplate, 20 per Bag, with Lid, Sterile
Qty./Pk	20 / Pk
Qty./Cs	100 / Cs
Product Number	3366
Product Name	Corning® 96-well EIA/RIA Clear Round Bottom Polystyrene High Bind Microplate, 25 per Bag, without Lid, Nonsterile
Qty./Pk	25 / Pk
Qty./Cs	100 / Cs
Product Number	3367
Product Name	Corning® 96-well Clear Round Bottom Polystyrene Not Treated Microplate, Individually Wrapped, without Lid, Sterile
Qty./Pk	1 / Pk
Qty./Cs	50 / Cs
Product Number	3368
Product Name	Corning® 96-well EIA/RIA Easy Wash™ Clear Flat Bottom Polystyrene Not Treated Microplate, 25 per Bag, without Lid, Nonsterile
Qty./Pk	25 / Pk
Qty./Cs	100 / Cs
Product Number	3369
Product Name	Corning® 96-well EIA/RIA Easy Wash™ Clear Flat Bottom Polystyrene High Bind Microplate, 25 per Bag, without Lid, Nonsterile
Qty./Pk	25 / Pk
Qty./Cs	100 / Cs

Product Number	3370
Product Name	Corning® 96-well Clear Flat Bottom Polystyrene Not Treated Microplate, 20 per Bag, with Lid, Sterile
Qty./Pk	20 / Pk
Qty./Cs	100 / Cs
Product Number	3474
Product Name	Corning® 96-well Clear Flat Bottom Ultra-Low Attachment Microplate, Individually Wrapped, with Lid, Sterile
Qty./Pk	1 / Pk
Qty./Cs	24 / Cs

Corning® Elplasia® Plates

Well Volume

16.8 mL

3.47 mL

360 µL

110 µL

Format

6-well

24-well

96-well

384-well

Well Shape

Round

Square

Surface Treatment

Ultra-Low Attachment

Plasma Treated

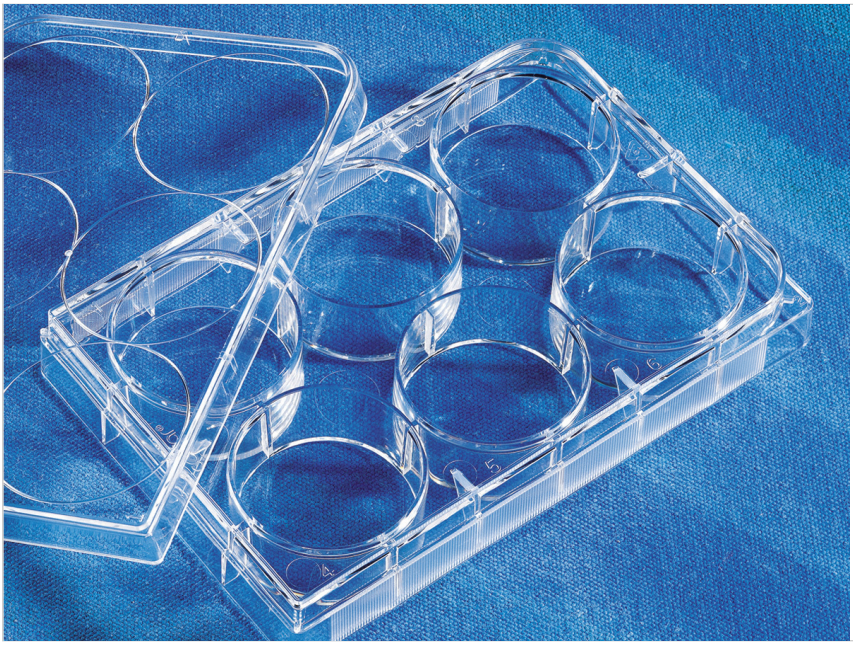
Products

Product Number	4440
Product Name	Corning® Elplasia® 6-well Black/Clear Round Bottom Ultra-Low Attachment, Microcavity Plate, with Lid
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs
Product Number	4441
Product Name	Corning® Elplasia® 24-well Black/Clear Round Bottom Ultra-Low Attachment, Microcavity Plate, with Lid
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs
Product Number	4442
Product Name	Corning® Elplasia® 96-well Black/Clear Round Bottom Ultra-Low Attachment, Microcavity Microplate, with Lid
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs
Product Number	4444
Product Name	Corning® Elplasia® 6-well Black/Clear, Square, Plasma Treated, Microcavity Plate, with Lid
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs
Product Number	4445
Product Name	Corning® Elplasia® 24-well Black/Clear, Square, Plasma Treated, Microcavity Plate, with Lid
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs

Product Number	4446
Product Name	Corning® Elplasia® 96-well Black/Clear, Square, Plasma Treated, Microcavity Microplate, with Lid
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs

Product Number	4447
Product Name	Corning® Elplasia® 384-well Black/Clear, Square, Plasma Treated, Microcavity Microplate, with Lid
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs

Costar® Multiple Well Cell Culture Plates



- Individual alphanumerical codes for well identification, flat bottoms
- Treated for optimal cell attachment (except where noted)
- Corning® CellBIND® surface is a novel cell culture treatment that increases surface wettability for more even and consistent cell attachment.
- Ultra-Low Attachment surface plates feature a covalently bound hydrogel layer that minimizes cell attachment, protein absorption, and cellular activation.
- Corning Osteo Assay surface is an inorganic crystalline coating, creating a surface that mimics *in vivo* bone-like, for *in vitro* bone cell culture and assays.
- Sterile
- Nonpyrogenic

Well Number

6-well
12-well
24-well
48-well

Surface Treatment

Corning CellBIND
None
TC-treated
Ultra-Low Attachment
CellBIND

Qty/Pk

1/Pk
5/Pk

Qty/Cs

24/Cs
50/Cs

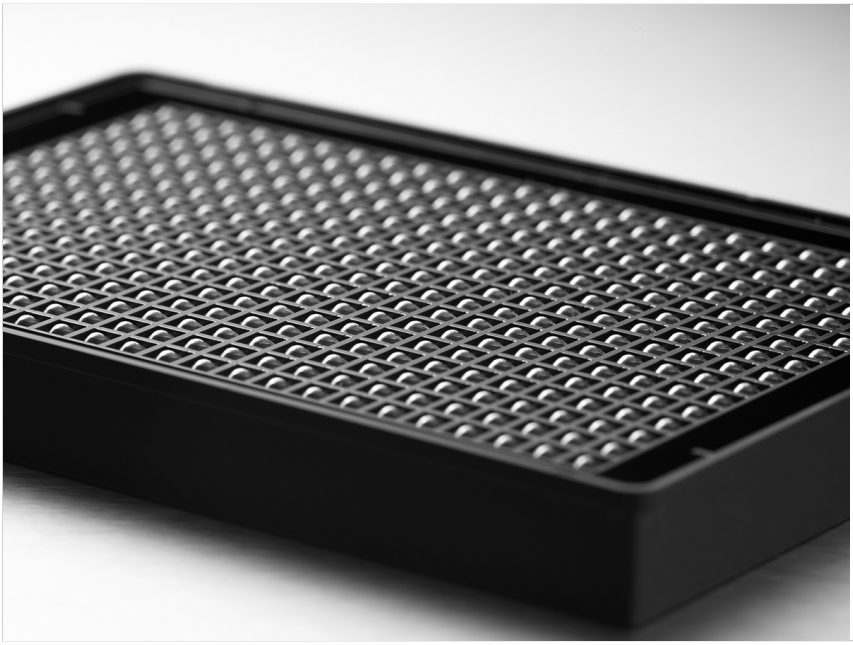
100/Cs

Products

Product Number	3335
Product Name	Corning® CellBIND® 6-well Clear Multiple Well Plates, Flat Bottom, with Lid, Sterile
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs
Product Number	3336
Product Name	Corning® CellBIND® 12-well Clear Multiple Well Plates, Flat Bottom, with Lid, Sterile
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs
Product Number	3337
Product Name	Corning® CellBIND® 24-well Clear Multiple Well Plates, Flat Bottom, with Lid, Sterile
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs
Product Number	3338
Product Name	Corning® CellBIND® 48-well Multiple Well Plates, Flat Bottom, Clear, with Lid, Sterile
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs
Product Number	3471
Product Name	Costar® 6-well Clear Flat Bottom Ultra-Low Attachment Multiple Well Plates, Individually Wrapped, Sterile
Qty./Pk	1 / Pk
Qty./Cs	24 / Cs

Product Number	3473
Product Name	Costar® 24-well Clear Flat Bottom Ultra-Low Attachment Multiple Well Plates, Individually Wrapped, Sterile
Qty./Pk	1 / Pk
Qty./Cs	24 / Cs
Product Number	3506
Product Name	Costar® 6-well Clear TC-treated Multiple Well Plates, Bulk Packed, Sterile
Qty./Pk	5 / Pk
Qty./Cs	100 / Cs
Product Number	3512
Product Name	Costar® 12-well Clear TC-treated Multiple Well Plates, Bulk Pack, Sterile
Qty./Pk	5 / Pk
Qty./Cs	100 / Cs
Product Number	3513
Product Name	Costar® 12-well Clear TC-treated Multiple Well Plates, Individually Wrapped, Sterile
Qty./Pk	1 / Pk
Qty./Cs	50 / Cs
Product Number	3516
Product Name	Costar® 6-well Clear TC-treated Multiple Well Plates, Individually Wrapped, Sterile
Qty./Pk	1 / Pk
Qty./Cs	50 / Cs

Corning® 384-well Spheroid Microplates



With their novel and proprietary design, these microplates are ideal for generating and analyzing 3D multicellular spheroids in the same microplate. The Ultra-Low Attachment surface enables uniform and reproducible 3D multicellular spheroid formation. The black opaque microplate body shields each optically clear, round bottom well from well-to-well cross-talk.

- Optically clear round bottom with black opaque microplate body
- Covalent attachment of Ultra-Low Attachment (ULA) surface to reduce cellular adhesion to well surface
- Novel well geometry aids in the generation of uniform, single spheroids across all wells, which enables automated visualization.
- Unique design shields each well to minimize well-to-well cross-talk.
- You can culture and assay spheroids in the same microplate without the need for transfer to a new microplate.

Qty/Pk

10/Pk
1/Pk

Products

Product Number	3830
Product Name	Corning® 384-well Black/Clear Round Bottom Ultra-Low Attachment Spheroid Microplate, Bulk Packed 10 per Bag, with Lid, Sterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs

Product Number	3830BC
Product Name	Corning® 384-well Black/Clear Round Bottom Ultra-Low Attachment Spheroid Microplate, with Generic Bar codes, Bulk Packed 10 per Bag, with Lid, Sterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs

Product Number	4516
Product Name	Corning® 384-well Black/Clear Round Bottom Ultra-Low Attachment Spheroid Microplate, with Lid, Sterile
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs

Corning® 1536-well Spheroid Microplates

With their novel and proprietary design, these microplates are ideal for generating and analyzing 3D multicellular spheroids in the same microplate. The Ultra-Low Attachment (ULA) surface enables uniform and reproducible 3D multicellular spheroid formation. The black opaque microplate body shields each optically clear, round bottom well from well-to-well cross-talk.

- 1536-well format allows for high throughput 3D cell culture
- Optically clear round bottom with black opaque microplate body
- Covalent attachment of Ultra-Low Attachment surface to reduce cellular adhesion to well surface
- Novel well geometry aids in the generation of uniform, single spheroids across all wells, which enables automated visualization.
- Unique design shields each well to minimize well-to-well cross-talk.
- You can culture and assay spheroids in the same microplate, without the need for transfer to a new microplate.
- Compatible with the GNF ultra high throughput system

Qty/Pk

10/Pk
1/Pk

Products

Product Number	4527
Product Name	Corning® 1536-well Black/Clear Round Bottom Ultra-low Attachment Spheroid Microplate, with Lid, Sterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs

Product Number	4637
Product Name	Corning® 1536-well Black/Clear Round Bottom Ultra-low Attachment Spheroid Microplate, with Lid, Sterile
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs

Corning® Buffers

•Rapid tissue clearing
•Easy to Use
•No Special Equipment Required
•Compatible with IF, FP and other Fluorescent lables
•Microplate and Automation Compatible
•Reversible to Follow up with 2D H&E/IHC

Size

100 mL

30 mL

70 mL

200 mL

Product Type

Antibody

Blocking

Penetration

Washing

Products

Product Number	5734
Product Name	Corning® 3D Clear Antibody Buffer, 30 mL
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	5735
Product Name	Corning® 3D Clear Antibody Buffer, 100 mL
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	5736
Product Name	Corning® 3D Clear Blocking Buffer, 30 mL
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	5737
Product Name	Corning® 3D Clear Blocking Buffer, 100 mL
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs

Product Number	5738
Product Name	Corning® 3D Clear Penetration Buffer, 30 mL
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	5739
Product Name	Corning® 3D Clear Penetration Buffer, 100 mL
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	5740
Product Name	Corning® 3D Clear Washing Buffer 10X, 70 mL
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	5741
Product Name	Corning® 3D Clear Washing Buffer 10X, 200 mL
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs

Corning® 3D Clear Starter Kit, 3D Clear Reagent, Antibody, Blocking, Penetration, and Washing Buffers

Product Number 5730

In our Starter Kit we have combined 30 mL of Corning 3D Clear with the four buffer solutions required to process 3D tissue cultures for immunolabeling. All you need to do is add your immunolabels and nuclear stains. This kit comes with enough material to process three 96-well plates of 3D cell culture models.

- Rapid tissue clearing
- Easy to Use
- No Special Equipment Required
- Compatible with IF, FP and other Fluorescent lables
- Microplate and Automation Compatible
- Reversible to Follow up with 2D H&E/IHC

Details

Product Number	5730
Qty./Pk	5 / Pk
Qty./Cs	1 / Cs
Shelf Life	24 months for Reagent and 12 months for Antibody, Blocking, Penetration, and Washing Buffer

Corning® Reagents

Corning 3D Clear tissue clearing technique is designed specifically to support imaging for 3D cell culture models and plate-based high-throughput processing. When paired with fluorescent labeling (e.g. fluorescent protein, immunofluorescence, chemical dyes) and high content confocal microscopy, Corning 3D Clear Reagent allows for complete 3D cell culture model characterization and more accurate drug screening.

•Rapid tissue clearing
•Easy to Use
•No Special Equipment Required
•Compatible with IF, FP and other Fluorescent lables
•Microplate and Automation Compatible
•Reversible to Follow up with 2D H&E/IHC

Size

10 mL

100 mL

30 mL

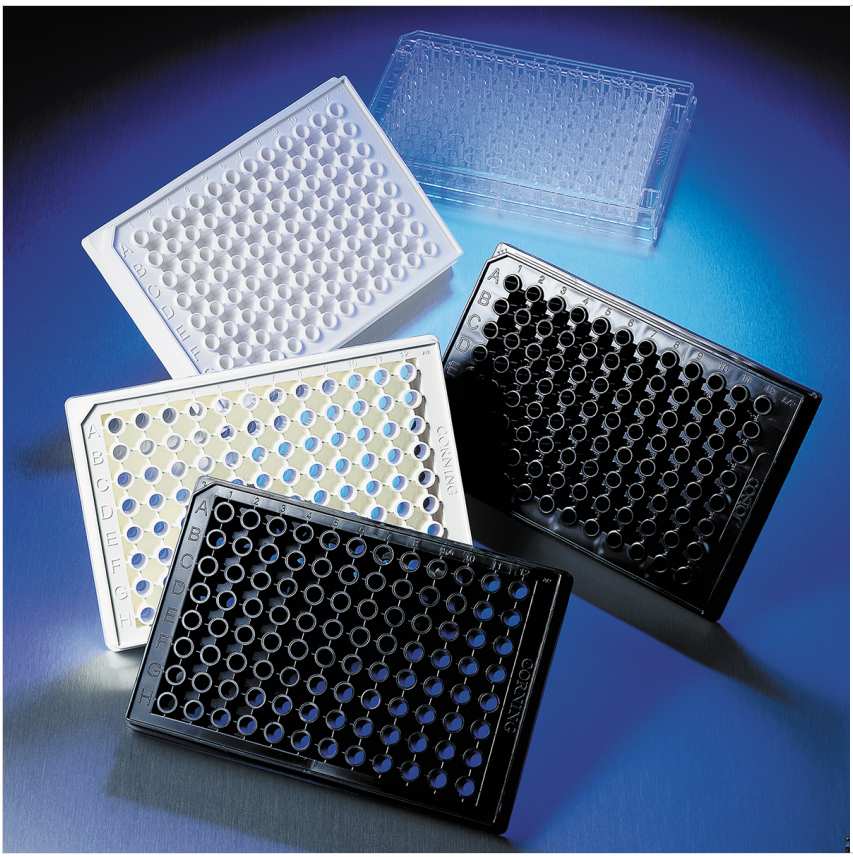
Products

Product Number	5731
Product Name	Corning® 3D Clear Tissue Clearing Reagent, 10 mL
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs

Product Number	5732
Product Name	Corning® 3D Clear Tissue Clearing Reagent, 30 mL
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs

Product Number	5733
Product Name	Corning® 3D Clear Tissue Clearing Reagent, 100 mL
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs

Corning® 96-well Solid Black and White Polystyrene Microplates



- Designed to reduce well-to-well cross-talk
- White microplates enhance luminescent signals and have low background luminescence.
- Black microplates have low background fluorescence and minimize light scattering.

Color

Black
White

Format

Half Area
Half Area, with Lid
Standard
Standard, with Lid

Sterile

Yes
No

Surface Treatment

None
TC-treated
High Binding

NBS
Ultra Low Attachment

Well Bottom

Flat
Round
Round

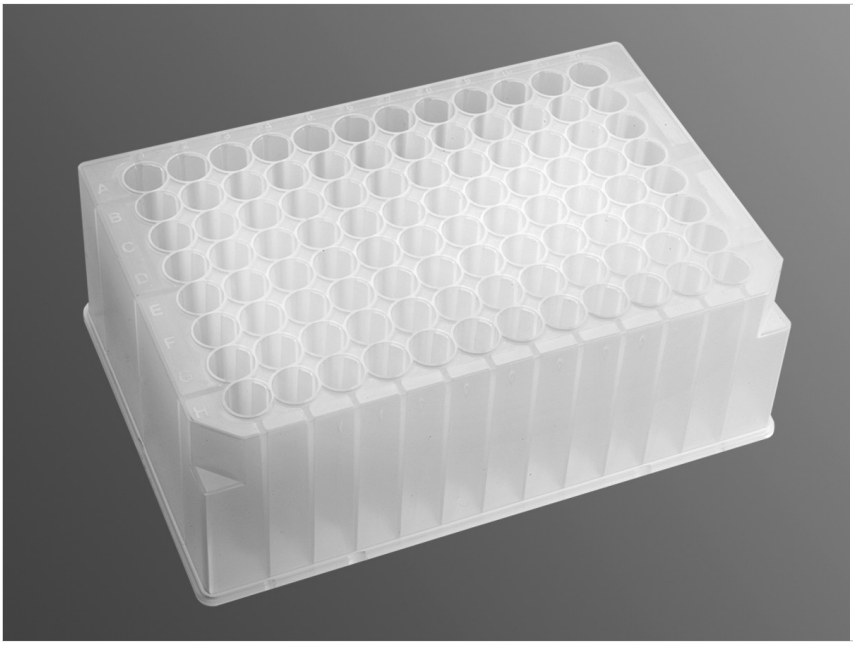
Products

Product Number	3362
Product Name	Corning® 96-well Solid White Flat Bottom Polystyrene TC-treated Microplates, 25 per bag, without Lid, Sterile
Qty./Pk	25 / Pk
Qty./Cs	100 / Cs
Product Number	3600
Product Name	Corning® 96-well White Flat Bottom Polystyrene NBS Microplate, 25 per Bag, without Lid, Nonsterile
Qty./Pk	25 / Pk
Qty./Cs	100 / Cs
Product Number	3605
Product Name	Corning® 96-well White Round Bottom Polystyrene NBS Microplate, 25 per Bag, without Lid, Nonsterile
Qty./Pk	25 / Pk
Qty./Cs	100 / Cs
Product Number	3642
Product Name	Corning® 96-well Half Area White Flat Bottom Polystyrene NBS Microplate, 25 per Bag, without Lid, Nonsterile
Qty./Pk	25 / Pk
Qty./Cs	100 / Cs

Product Number	3650
Product Name	Corning® 96-well Black Flat Bottom Polystyrene NBS Microplate, 25 per Bag, without Lid, Nonsterile
Qty./Pk	25 / Pk
Qty./Cs	100 / Cs
Product Number	3686
Product Name	Corning® 96-well Half Area Black Flat Bottom Polystyrene NBS Microplate, 25 per Bag, without Lid, Nonsterile
Qty./Pk	25 / Pk
Qty./Cs	100 / Cs
Product Number	3688
Product Name	Corning® 96 Half Area Well Solid White Flat Bottom Polystyrene TC-treated Microplates, 20 per Bag, with Lid, Sterile
Qty./Pk	20 / Pk
Qty./Cs	100 / Cs
Product Number	3693
Product Name	Corning® 96-well Half Area White Flat Bottom Polystyrene Not Treated Microplate, 25 per Bag, without Lid, Nonsterile
Qty./Pk	25 / Pk
Qty./Cs	100 / Cs
Product Number	3694
Product Name	Corning® 96-well Half Area Black Flat Bottom Polystyrene Not Treated Microplate, 25 per Bag, without Lid, Nonsterile
Qty./Pk	25 / Pk
Qty./Cs	100 / Cs

Product Number	3789A
Product Name	Corning® 96-well White Round Bottom Polystyrene Not Treated Microplate, 25 per Bag, without Lid, Nonsterile
Qty./Pk	25 / Pk
Qty./Cs	100 / Cs

Axygen® Deep Well and Assay Plates



Well Number

24-well
48-well
96-well
384-well

Well Volume

125 µL
240 µL
450 µL
560 µL
1.1 mL
1.25 mL
1.8 mL
2.2 mL
4.6 mL
10 mL

Sterile

Yes
No

Well Shape

Round
Rectangular
Square
Round Bottom
V-bottom

Products

Product Number	P-2ML-SQ-C
Product Name	Axygen® 96-well Clear Round Bottom 2.2 mL Polypropylene Deep Well Plate, 5 per Pack, Nonsterile
Qty./Pk	5 / Pk
Qty./Cs	25 / Cs
Product Number	P-2ML-SQ-C-S
Product Name	Axygen® 96-well Clear Round Bottom 2.2 mL Polypropylene Deep Well Plate, 5 per Pack, Sterile
Qty./Pk	5 / Pk
Qty./Cs	25 / Cs
Product Number	P-384-120SQ-C
Product Name	Axygen® 384-well Clear V-Bottom 120 µL Polypropylene Deep Well Not Treated Plate, 5 per Pack, Nonsterile
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs
Product Number	P-384-120SQ-C-S
Product Name	Axygen® 384-well Clear V-Bottom 120 µL Polypropylene Deep Well Not Treated Plate, 5 per Pack, Sterile
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs

Product Number	P-384-240SQ-C
Product Name	Axygen® 384-well Clear V-Bottom 240 µL Polypropylene Deep Well Not Treated Plate, 5 per Pack, Nonsterile
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs
Product Number	P-384-240SQ-C-S
Product Name	Axygen® 384-well Clear V-Bottom 240 µL Polypropylene Deep Well Not Treated Plate, 5 per Pack, Sterile
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs
Product Number	P-5ML-48-C
Product Name	Axygen® 48-well Clear V-Bottom 5 mL Polypropylene Rectangular Well Deep Well Plate, 5 per Pack, Nonsterile
Qty./Pk	5 / Pk
Qty./Cs	25 / Cs
Product Number	P-5ML-48-C-S
Product Name	Axygen® 48-well Clear V-Bottom 5 mL Polypropylene Rectangular Well Deep Well Plate, 5 per Pack, Sterile
Qty./Pk	5 / Pk
Qty./Cs	25 / Cs
Product Number	P-96-450R-C
Product Name	Axygen® 96-well Clear Round Bottom 550 µL Polypropylene Deep Well Plate, 10 per Pack, Nonsterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs

Product Number	P-96-450R-C-S
Product Name	Axygen® 96-well Clear Round Bottom 550 µL Polypropylene Deep Well Plate, 10 per Pack, Sterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs

Axygen® MaxyClear SnapLock Microcentrifuge Tubes

Axygen MaxyClear microcentrifuge tubes are available in a variety of colors. Axygen Maxymum Recovery® surface and sterile options are also available. SnapLock microcentrifuge tubes have frosted cap surfaces and frosted side panels, ideal for labeling. Each cap features a piercing port in the center of the cap. Microcentrifuge tubes with no caps are available for some sizes.

- 0.6 mL, 1.5 mL, and 2.0 mL clear microcentrifuge tubes are boil proof. Colored tubes are not boil-proof.
- Co-polymer tubes offer exceptional strength and chemical resistance. Not to be autocalvable or boil-proof.
- Clear microcentrifuge tubes are boil-proof. Colored tubes are not boil-proof.
- Maximum G-force is 14,000 RCF.
- RNase-/DNase-free and nonpyrogenic
- Sterility Assurance Level (SAL) of 10^{-6}
- Color - Assorted: Each pack contains a mixture of blue, green, violet, orange, red, and yellow.
- Clear microcentrifuge tubes are boil-proof. Colored tubes are not boil-proof.
- Color - Spectrum: 2 packs each of blue, green, orange, red, and yellow.

Color

Amber

Assorted

Blue

Clear

Green

Maxyclear

Orange

Red

Spectrum

Violet

Yellow

Material

Copolymer

Homopolymer

Pack Type

Bulk

Bulk, No Cap

Bulk, Sterile

Capacity

0.6 mL

1.5 mL

1.7 mL

2 mL

5 mL

Surface Treatment

Standard

Maxymum Recovery

Products

Product Number	MCT-060-A
Product Name	Axygen® 0.6 mL MaxyClear Snaplock Microcentrifuge Tube, Polypropylene, Assorted, Nonsterile,1000 Tubes/Pack, 10 Packs/Case
Qty./Pk	1000 / Pk
Qty./Cs	10000 / Cs
Product Number	MCT-060-B
Product Name	Axygen® 0.6 mL MaxyClear Snaplock Microcentrifuge Tube, Polypropylene, Blue, Nonsterile, 1000 Tubes/Pack, 10 Packs/Case
Qty./Pk	1000 / Pk
Qty./Cs	10000 / Cs

Product Number	MCT-060-C
Product Name	Axygen® 0.6 mL MaxyClear Snaplock Microcentrifuge Tube, Polypropylene, Clear, Nonsterile,1000 Tubes/Pack, 10 Packs/Case
Qty./Pk	1000 / Pk
Qty./Cs	10000 / Cs
Product Number	MCT-060-C-S
Product Name	Axygen® 0.6 mL MaxyClear Snaplock Microcentrifuge Tube, Polypropylene, Clear, Sterile, 100 Tubes/Bag, 5 Bags/Pack, 10 Packs/Case
Qty./Pk	500 / Pk
Qty./Cs	5000 / Cs
Product Number	MCT-060-G
Product Name	Axygen® 0.6 mL MaxyClear Snaplock Microcentrifuge Tube, Polypropylene, Green, Nonsterile, 1000 Tubes/Pack, 10 Packs/Case
Qty./Pk	1000 / Pk
Qty./Cs	10000 / Cs
Product Number	MCT-060-L-C
Product Name	Axygen® 0.6 mL Maxymum Recovery® Snaplock Microcentrifuge Tube, Polypropylene, Clear, Nonsterile,500 Tubes/Pack, 10 Packs/Case
Qty./Pk	500 / Pk
Qty./Cs	5000 / Cs
Product Number	MCT-060-O
Product Name	Axygen® 0.6 mL MaxyClear Snaplock Microcentrifuge Tube, Polypropylene, Orange, Nonsterile, 1000 Tubes/Pack, 10 Packs/Case
Qty./Pk	1000 / Pk
Qty./Cs	10000 / Cs

Product Number	MCT-060-R
Product Name	Axygen® 0.6 mL MaxyClear Snaplock Microcentrifuge Tube, Polypropylene, Red, Nonsterile, 1000 Tubes/Pack, 10 Packs/Case
Qty./Pk	1000 / Pk
Qty./Cs	10000 / Cs
Product Number	MCT-060-SP
Product Name	Axygen® 0.6 mL MaxyClear Snaplock Microcentrifuge Tube, Polypropylene, Spectrum, Nonsterile,1000 Tubes/Pack, 10 Packs/Case
Qty./Pk	1000 / Pk
Qty./Cs	10000 / Cs
Product Number	MCT-060-V
Product Name	Axygen® 0.6 mL MaxyClear Snaplock Microcentrifuge Tube, Polypropylene, Violet, Nonsterile, 1000 Tubes/Pack, 10 Packs/Case
Qty./Pk	1000 / Pk
Qty./Cs	10000 / Cs

Corning® 245mm Square BioAssay Dishes

Square bioassay dishes are made from polystyrene and are nonpyrogenic. They are packed with lids and are designed with a stacking bead so that they will stack securely without slipping. The dishes are compatible with automated colony picking instruments.

Height

18 mm
Low Profile

Handle

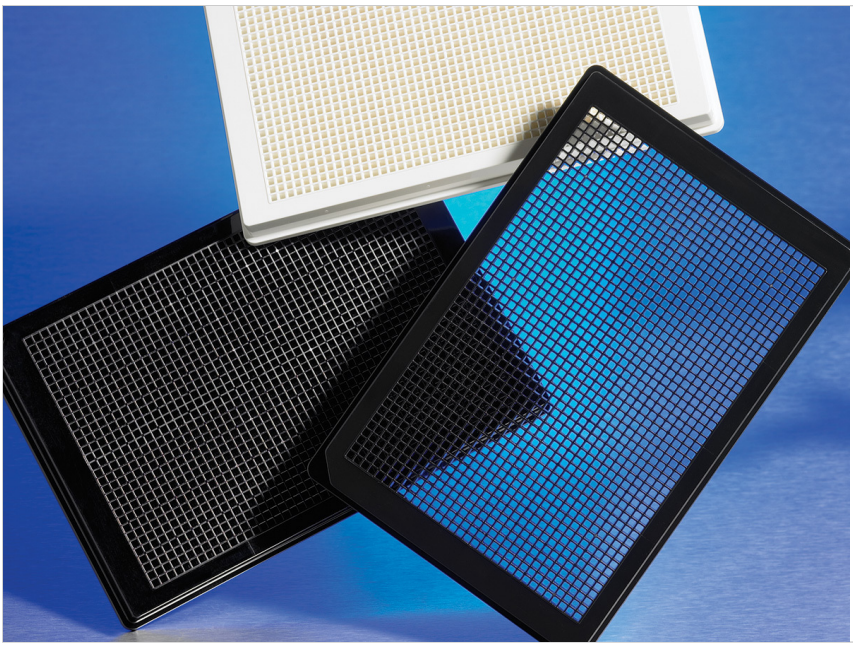
No Handle
Yes

Products

Product Number	431111
Product Name	Corning® 245 mm Square BioAssay Dish with Handles, not TC-treated Culture
Qty./Pk	4 / Pk
Qty./Cs	16 / Cs
Product Number	431272
Product Name	Corning® 245 mm Square BioAssay Dish without Handles, not TC-treated
Qty./Pk	4 / Pk
Qty./Cs	16 / Cs

Product Number	431301
Product Name	Corning® 245 mm Square Low Profile BioAssay Dish without Handles, not TC-treated
Qty./Pk	5 / Pk
Qty./Cs	20 / Cs

Corning® 1536-well Cyclic Olefin Copolymer (COC) Microplates



Corning 1536-well microplates are our highest density microplates available for high throughput screening. The microplates conform to standard microplate footprint and dimensions. These microplates are offered in solid black and white polystyrene, with round or flat bottoms, and in black-clear bottom formats.

- 127 µm film thickness
- 1536-well low base, black/clear or white/clear bottom microplates
- Bar coded
- Custom bar codes available for compatibility with the Kalypsys system and with UHTS systems
- Low auto-fluorescence
- Broad chemical resistance including DMSO and alcohol
- High mechanical stability
- Optimized for flatness and uniformity
- Low birefringence

Color

Black
Black and Clear
White

Format

High Base
Low Base

Surface Treatment

Corning CellBIND
None
TC-treated
CellBIND
NBS

Barcode

Short Side
Long Side

Products

Product Number	4370
Product Name	Corning® 1536-well White High Base Cyclic Olefin Copolymer TC-Treated Microplate, 10 per Bag, without Lid, with Bar Code on Short Side, Sterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	4371
Product Name	Corning® 1536-well Black High Base Cyclic Olefin Copolymer Not Treated Microplate, 10 per Bag, without Lid, with Bar Code on Short Side, Nonsterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	4372
Product Name	Corning® 1536-well White High Base Cyclic Olefin Copolymer Not Treated Microplate, 10 per Bag, without Lid, with Bar Code on Short Side, Nonsterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	4373
Product Name	Corning® CellBIND® 1536-well Black/Clear Bottom Low Base Cyclic Olefin Copolymer Microplate, 20 per Bag, without Lid, with Bar Code on Short Side, Sterile
Qty./Pk	20 / Pk
Qty./Cs	100 / Cs

Product Number	4560
Product Name	Corning® 1536-well Black/Clear Bottom Low Base Cyclic Olefin Copolymer Not Treated Microplate, 20 per Bag, without Lid, with Bar code on Long Side, Nonsterile
Qty./Pk	20 / Pk
Qty./Cs	100 / Cs
Product Number	4561
Product Name	Corning® 1536-well Black/Clear Bottom Low Base Cyclic Olefin Copolymer TC-Treated Microplate, 20 per Bag, without Lid, with Bar code on Long Side, Sterile
Qty./Pk	20 / Pk
Qty./Cs	100 / Cs
Product Number	4563
Product Name	Corning® CellBIND® 1536-well Black/Clear Bottom Low Base Cyclic Olefin Copolymer Microplate, 20 per Bag, without Lid, with Bar code on Long Side, Sterile
Qty./Pk	20 / Pk
Qty./Cs	100 / Cs
Product Number	4564
Product Name	Corning® 1536-well Black/Clear Bottom Low Base Cyclic Olefin Copolymer Poly-D-Lysine Coated Microplate, 20 per Bag, without Lid, with Bar code on Long Side, Nonsterile
Qty./Pk	20 / Pk
Qty./Cs	100 / Cs
Product Number	4565
Product Name	Corning® 1536-well Black High Base Cyclic Olefin Copolymer Not Treated Microplate, 10 per Bag, without Lid, with Bar code on Long Side, Nonsterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs

Product Number	4566
Product Name	Corning® 1536-well Black High Base Cyclic Olefin Copolymer TC-Treated Microplate, 10 per Bag, without Lid, with Bar code on Long Sides, Sterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs

Corning® CellCube® Systems

The Corning CellCube system provides a fast, simple, and compact method for the mass culture of attachment-dependent cells. It uses a tissue culture-treated growth surface for cell attachment, and continually perfuses the cells with fresh medium for increased cell productivity. The CellCube system provides an environment which more closely simulates *in vivo* conditions and reliably distributes nutrients and oxygen with low differential gradients across all cells within the modules. The CellCube modules provide a traditional tissue culture-treated surface or Corning CellBIND® surface for the growth of attachment dependent cells.

Module Number

10
25
100

Surface Treatment

Corning CellBIND
TC-treated

Products

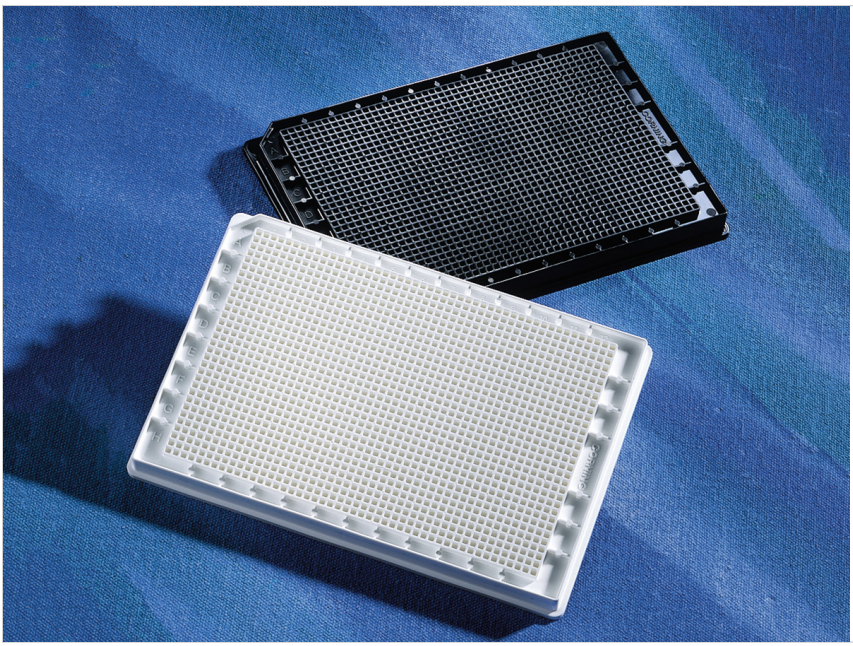
Product Number	3032
Product Name	Corning® CellBIND® 100-Layer CellCube® Module with 85,000cm² Growth Surface
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs

Product Number	3200
Product Name	10-Layer CellCube® Module with 8,500cm² Growth Surface
Qty./Pk	1 / Pk
Qty./Cs	2 / Cs
Product Number	3201
Product Name	25-Layer CellCube® Module with 21,250cm² Growth Surface
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	3231
Product Name	10-Layer CellCube® Module with 8,500 cm² Growth Surface and Aseptic Connectors
Qty./Pk	1 / Pk
Qty./Cs	2 / Cs
Product Number	3232
Product Name	25-Layer CellCube® Module with 21,250 cm² Growth Surface and Aseptic Connectors
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	3233
Product Name	100-Layer CellCube® Module with 85,000 cm² Growth Surface and Aseptic Connectors
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs

Product Number	3264
Product Name	100-Layer CellCube® Module with 85,000cm² Growth Surface
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs

Product Number	3304
Product Name	Corning® CellBIND® 25-Layer CellCube® Module with 21,250cm² Growth Surface
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs

Corning®1536-well Standard Polystyrene Microplates and Low Base



Corning 1536-well microplates are our highest density microplates available for high throughput screening. The microplates conform to standard microplate footprint and dimensions. These microplates are offered in solid black and white polystyrene, with round or flat bottoms, and in black-clear bottom formats.

- Total well volume of 10 µL for round well microplates and 12.8 µL for flat bottom microplates
- Recommended working volume up to 8 µL
- Round well bottom for reduced air entrapment and improved CV values and Z factor
- Raised well bottom for higher sensitivity
- Flood reservoir on four sides to reduce instrument contamination
- Lids are available separately. Corning lid (Cat. No. 3098) is compatible with these microplates.

Color

Black

Black and Clear

White

Format

High Base, without Logo or Lettering

Low Base

Low Base, with Lid, Bar Code Labels

Low Base, without Label or Lettering

Standard

Sterile

Yes

No

Surface Treatment

Collagen

Corning CellBIND

None

TC-treated

NBS

Well Bottom

Flat

Round

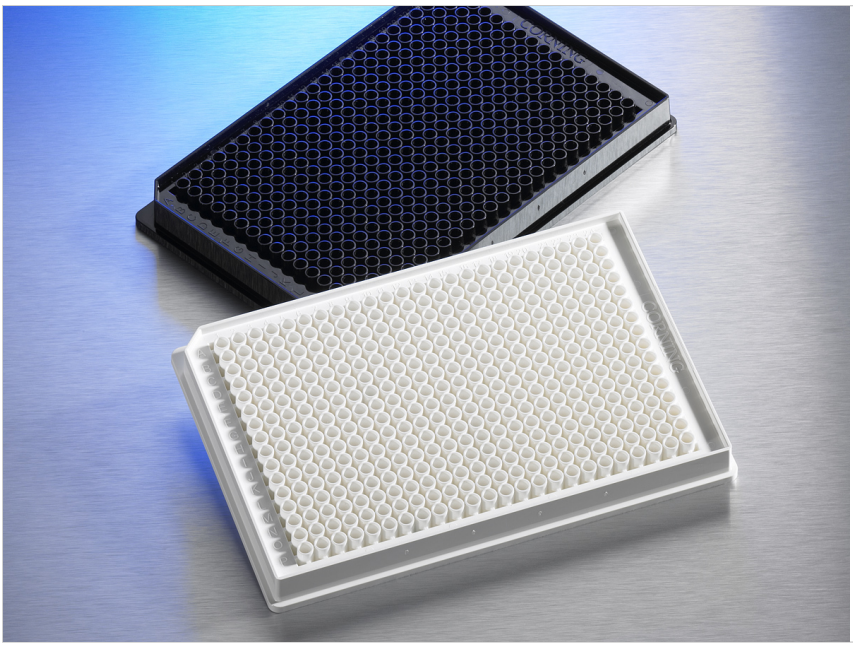
Products

Product Number	3549
Product Name	Corning® 1536 well Solid White Collagen Coated Polystyrene Microplate, without Lid, 50/case
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	3724
Product Name	Corning® 1536-well Black Polystyrene Not Treated Microplate, 10 per Bag, without Lid, Nonsterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	3724BC
Product Name	Corning® 1536-well Black Polystyrene Not Treated Microplate, 10 per Bag, without Lid, With Generic Bar Code, Nonsterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	3725
Product Name	Corning® 1536-well White Polystyrene Not Treated Microplate, 10 per Bag, without Lid, Nonsterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs

Product Number	3725BC
Product Name	Corning® 1536-well White Polystyrene Not Treated Microplate, 10 per Bag, without Lid, With Generic Bar Code, Nonsterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	3726
Product Name	Corning® 1536-well Black Polystyrene TC-treated Microplate, 10 per Bag, with Lid, Sterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	3726BC
Product Name	Corning® 1536 well Solid Black TC Treated Polystyrene Microplate, with Generic Bar codes, with Lid, Sterile, 50/case
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	3727
Product Name	Corning® 1536-well White Polystyrene TC-treated Microplate, 10 per Bag, with Lid, Sterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	3727BC
Product Name	Corning® 1536-well White Polystyrene TC-treated Microplate, 10 per Bag, with Lid, With Generic Bar Code, Sterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs

Product Number	3728
Product Name	Corning® 1536-well Black Polystyrene NBS Microplate, 10 per Bag, without Lid, Nonsterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs

Corning® 384-well Solid Black and White Polystyrene Microplates



Designed to reduce well-to-well cross-talk during fluorescent and luminescent assays.

Format

- Low Volume
- Low Volume, with Bar Code Labels
- Low Volume, with Lid
- Standard, Low Flange
- Standard, Low Flange, with Bar Code Labels

Color

- Black
- White

Well Bottom

- Flat
- Round

Surface Treatment

- None
- TC-treated
- High Bind
- NBS

Sterile

- Yes
- No

Products

Product Number	3570
Product Name	Corning® 384-well Low Flange White Flat Bottom Polystyrene TC-treated Microplates, 10 per Bag, with Lid, Sterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	3570BC
Product Name	Corning® 384-well Low Flange White Flat Bottom Polystyrene TC-treated Microplates, with Bar Code,10 per Bag, with Lid, Sterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	3571
Product Name	Corning® 384-well Low Flange Black Flat Bottom Polystyrene TC-treated Microplates, 10 per Bag, with Lid, Sterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	3571BC
Product Name	Corning® 384-well Low Flange Black Flat Bottom Polystyrene TC-treated Microplates, with Generic Bar codes, 10 per Bag, with Lid, Sterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	3572
Product Name	Corning® 384-well Low Flange White Flat Bottom Polystyrene Not Treated Microplate, 10 per Bag, without Lid, Nonsterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs

Product Number	3573
Product Name	Corning® 384-well Low Flange Black Flat Bottom Polystyrene Not Treated Microplate, 10 per Bag, without Lid, Nonsterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	3574
Product Name	Corning® 384-well Low Flange White Flat Bottom Polystyrene NBS Microplate, 10 per Bag, without Lid, Nonsterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	3574BC
Product Name	Corning® 384-well Low Flange White Flat Bottom Polystyrene NBS Microplate, 10 per Bag, without Lid, With Generic Bar Code, Nonsterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	3575
Product Name	Corning® 384-well Low Flange Black Flat Bottom Polystyrene NBS Microplate, 10 per Bag, without Lid, Nonsterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	3575BC
Product Name	Corning® 384-well Low Flange Black Flat Bottom Polystyrene NBS Microplate, 10 per Bag, without Lid, With Generic Bar Code, Nonsterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs

Corning® Microcarriers for Bioprocess Scale-up

Corning microcarriers are designed to simplify your scale-up processes. The microcarriers are sterile, ready-to-use, and available in closed systems packaging to be used directly with bioreactors. Additionally, the microcarriers are surface-treated to enhance cell attachment, maximizing cell yield and viability.

Features

- Consistency – USP Class VI polystyrene material provides a consistent platform
- Performance – Corning microcarriers are offered untreated or with the following surface treatments:
  - Corning Synthemax® II substrate creates a synthetic surface on the microcarriers for stem cell expansion. For use with MSC and iPS/ES applications. (Animal Origin Free)
  - Corning CellBIND® surface treatment infuses the surface of the microcarriers with oxygen to improve cell attachment. (Animal Origin Free)
  - Collagen coating
- Sterility Assurance Level (SAL) of 10^{-6}
- Nonpyrogenic
- Available as closed system solutions

Product Specifications

- Bead size: 125 µm to 212 µm
- Density: 1.026 ± 0.004 g/cm³
- cm²/gram: 360

Vials and Closed System Packaging

Corning microcarriers are available sterile and ready to use in 10 g vials. This format provides flexibility to select the amount of beads to use.

During the mature phase of process development and into manufacturing, closed system packaging would be necessary to maintain sterility and ease bioreactor loading. Corning microcarriers are also available in off-the-shelf and custom closed systems packaging. Tubing, connectors, and materials are customizable based on individual needs.

Surface Treatment

Collagen
Corning CellBIND
Low Concentration Synthemax II
None

Size

100 g
10 g
500 g

Products

Product Number	3772
Product Name	Corning® Untreated Microcarriers, 10g Vial
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	3779
Product Name	Corning® Enhanced Attachment Microcarriers, 10g Vial
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	3781
Product Name	Corning® Low Concentration Synthemax® II Microcarriers, 10g Vial
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	3786
Product Name	Corning® Collagen Coated Microcarriers, 10g Vial
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	4620
Product Name	Corning® CellBIND® Microcarriers, 100g Bottle
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs

Product Number	4621
Product Name	Corning® CellBIND® Microcarriers, 500g Bottle
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	4622
Product Name	Corning® Low Concentration Synthemax® II Microcarriers, 100g Bottle
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	4623
Product Name	Corning® Low Concentration Synthemax® II Microcarriers, 500g Bottle
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	4624
Product Name	Corning® Untreated Microcarriers, 100g Bottle
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	4625
Product Name	Corning® Untreated Microcarriers, 500g Bottle
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs

Corning® Cryopreservation Bags

Capacity

50 mL

250 mL

500 mL

750 mL

Products

Product Number	91-200-88
Product Name	Corning® Cryopreservation Bag, 50 mL
Qty./Pk	1 / Pk
Qty./Cs	1 / Ea
Product Number	91-200-89
Product Name	Corning® Cryopreservation Bag, 250 mL
Qty./Pk	1 / Pk
Qty./Cs	1 / Ea

Product Number	91-200-90
Product Name	Corning® Cryopreservation Bag, 500 mL
Qty./Pk	1 / Pk
Qty./Cs	1 / Ea
Product Number	91-200-91
Product Name	Corning® Cryopreservation Bag, 750 mL
Qty./Pk	1 / Pk
Qty./Cs	1 / Ea

Corning® HYPER*Flask*® Cell Culture Vessels

The Corning High Yielding Performance Flask (HYPER*Flask*) cell culture vessel offers 1720 cm² growth area in the footprint of a traditional 175 cm² flask. This high yield, high performance flask utilizes a multilayered gas permeable growing surface for efficient gas exchange.

- Innovative Design – 10 interconnected polystyrene growth surfaces
- Optimal Growth – Corning CellBIND® Surface treated gas permeable polystyrene for superior cell attachment and growth
- Increase Cell Yield – 10-fold higher cell yields increases productivity and capacity and reduces processing time and incubator space
- Save Time and Space – Reduce processing time and incubator storage space by handling one flask as compared to 10 traditional 175 cm² flasks
- Automation Compatible – Bar coded and compatible with The Automation Partnership SelecT™ and CompacT™ SelecT™ cell culture systems with an upgrade

The Corning HYPERFlask Cell Culture Vessel has the same external dimensions as a standard T 175 cm² flask with 10 times the cell yield.

Vessel Type

HYPER*Flask*
HYPER*Flask* M

Surface Treatment

Corning CellBIND
None

Qty/Pk

1/Pk
4/Pk

Qty/Cs
4/Cs
24/Cs

Products

Product Number	10020
Product Name	Corning® CellBIND® Surface HYPER*Flask*® M Cell Culture Vessel
Qty./Pk	4 / Pk
Qty./Cs	4 / Cs
Product Number	10024
Product Name	Corning® CellBIND® Surface HYPER*Flask*® Cell Culture Vessel
Qty./Pk	4 / Pk
Qty./Cs	24 / Cs
Product Number	10030
Product Name	Corning® CellBIND® Surface HYPER*Flask*® M Cell Culture Vessel, Treated, Sterile, Bar Coded, 1 per Bag, 4 per Case
Qty./Pk	1 / Pk
Qty./Cs	4 / Cs
Product Number	10031
Product Name	Corning® HYPER*Flask*® M Cell Culture Vessel, 1 per Bag, 4 per Case
Qty./Pk	1 / Pk
Qty./Cs	4 / Cs

Product Number	10034
Product Name	Corning® CellBIND® Surface HYPER*Flask*® M Cell Culture Vessel, Treated, Sterile, Bar Coded, 4 per Bag, 24 per Case
Qty./Pk	4 / Pk
Qty./Cs	24 / Cs

Corning® Expanded Surface Polystyrene Roller Bottle

Treated for optimal cell attachment

- One piece seamless construction
- All bottles have printed lot numbers to aid in product traceability
- Sterile
- Nonpyrogenic
- Ribbed design provides twice the surface area with the same exterior dimensions

Surface Treatment

Corning CellBIND
TC-treated

Surface Area

1700 cm^2

Cap Style

Easy Grip
Easy Grip Vent

Qty/Pk

20/Pk
2/Pk
5/Pk

Qty/Cs

20/Cs
40/Cs

Products

Product Number	430852
Product Name	Corning® 1700cm² Expanded Surface Polystyrene Roller Bottle with Easy Grip Cap, 2 per Bag, 40 per Case
Qty./Pk	2 / Pk
Qty./Cs	40 / Cs
Product Number	430853
Product Name	Corning® 1700cm² Expanded Surface Polystyrene Roller Bottle with Easy Grip Cap, 5 per Bag, 40 per Case
Qty./Pk	5 / Pk
Qty./Cs	40 / Cs
Product Number	431134
Product Name	Corning® CellBIND® 1700cm² Expanded Surface Polystyrene Roller Bottle with Easy Grip Cap, 20 per Bag, 20 per Case
Qty./Pk	20 / Pk
Qty./Cs	20 / Cs
Product Number	431135
Product Name	Corning® 1700cm² Expanded Surface Polystyrene Roller Bottle with Easy Grip Cap, 20 per Bag, 20 per Case
Qty./Pk	20 / Pk
Qty./Cs	20 / Cs

Product Number	431191
Product Name	Corning® 1700cm² Expanded Surface Polystyrene Roller Bottle with Easy Grip Vent Cap, 20 per Bag, 20 per Case
Qty./Pk	20 / Pk
Qty./Cs	20 / Cs

Corning® and Costar® Cell Culture Flasks

Surface Area

25 cm^2

75 cm^2

150 cm^2

175 cm^2

225 cm^2

Surface Treatment

Corning CellBIND

None

TC-treated

Ultra-Low Attachment

Flask Style

Rectangular

U-shaped

Traditional

Cap Style

Phenolic

Plug Seal

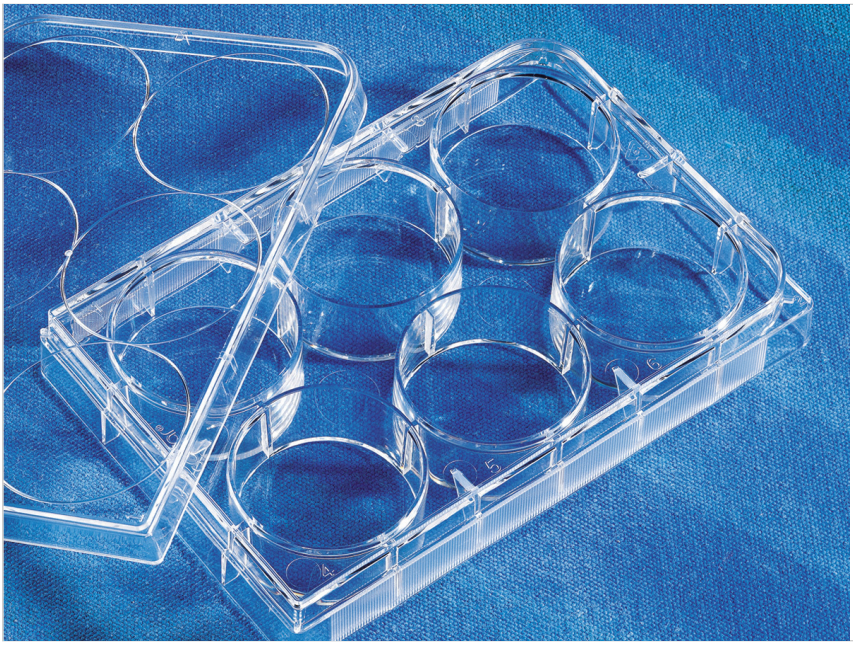
Vent

Products

Product Number	3289
Product Name	Corning® CellBIND® 25cm² Rectangular Canted Neck Cell Culture Flask with Vent Cap
Qty./Pk	20 / Pk
Qty./Cs	200 / Cs
Product Number	3290
Product Name	Corning® CellBIND® 75cm² U-Shaped Canted Neck Cell Culture Flask with Vent Cap
Qty./Pk	5 / Pk
Qty./Cs	100 / Cs
Product Number	3291
Product Name	Corning® CellBIND® 150cm² U-Shaped Canted Neck Cell Culture Flask with Vent Cap
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs
Product Number	3292
Product Name	Corning® CellBIND® 175cm² U-Shaped Angled Neck Cell Culture Flask with Vent Cap
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs
Product Number	3292A
Product Name	Corning® CellBIND® 175cm² U-Shape Angled Neck Cell Culture Flask with Phenolic-Style Cap
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs

Product Number	3293
Product Name	Corning® CellBIND® 225cm² Angled Neck Cell Culture Flask with Vent Cap
Qty./Pk	5 / Pk
Qty./Cs	25 / Cs
Product Number	3814
Product Name	Corning® Ultra-Low Attachment 75cm² U-Flask Canted Neck Cell Culture Flask with Vent Cap
Qty./Pk	4 / Pk
Qty./Cs	24 / Cs
Product Number	430168
Product Name	Corning® 25cm² Rectangular Canted Neck Cell Culture Flask with Plug Seal Cap
Qty./Pk	20 / Pk
Qty./Cs	500 / Cs
Product Number	430372
Product Name	Corning® 25cm² Rectangular Canted Neck Cell Culture Flask with Phenolic-Style Cap
Qty./Pk	20 / Pk
Qty./Cs	500 / Cs
Product Number	430639
Product Name	Corning® 25cm² Rectangular Canted Neck Cell Culture Flask with Vent Cap
Qty./Pk	20 / Pk
Qty./Cs	200 / Cs

Costar® Multiple Well Cell Culture Plates



- Individual alphanumerical codes for well identification, flat bottoms
- Treated for optimal cell attachment (except where noted)
- Corning® CellBIND® surface is a novel cell culture treatment that increases surface wettability for more even and consistent cell attachment.
- Ultra-Low Attachment surface plates feature a covalently bound hydrogel layer that minimizes cell attachment, protein absorption, and cellular activation.
- Corning Osteo Assay surface is an inorganic crystalline coating, creating a surface that mimics *in vivo* bone-like, for *in vitro* bone cell culture and assays.
- Sterile
- Nonpyrogenic

Well Number

6-well
12-well
24-well
48-well

Surface Treatment

Corning CellBIND
None
TC-treated
Ultra-Low Attachment
CellBIND

Qty/Pk

1/Pk
5/Pk

Qty/Cs

24/Cs
50/Cs

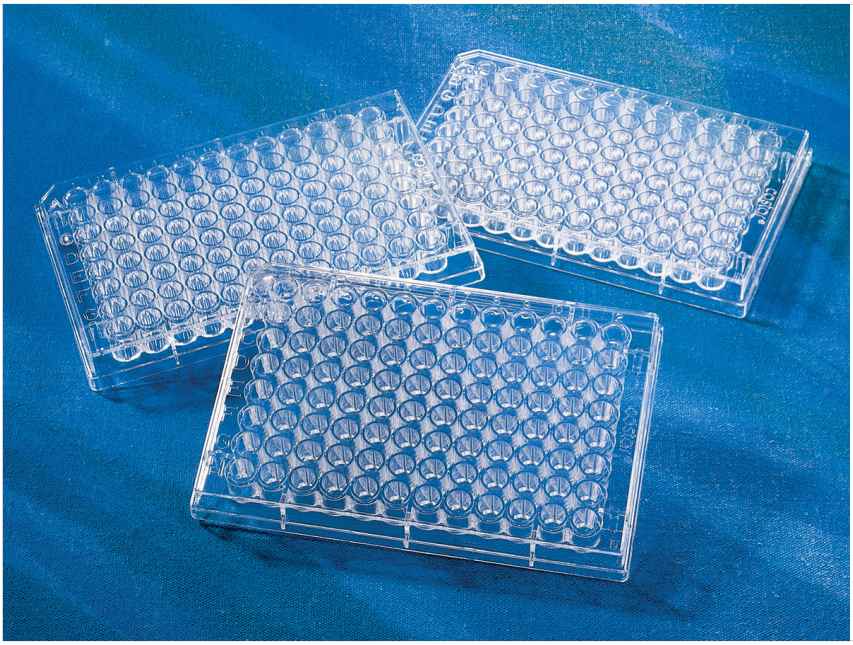
100/Cs

Products

Product Number	3335
Product Name	Corning® CellBIND® 6-well Clear Multiple Well Plates, Flat Bottom, with Lid, Sterile
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs
Product Number	3336
Product Name	Corning® CellBIND® 12-well Clear Multiple Well Plates, Flat Bottom, with Lid, Sterile
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs
Product Number	3337
Product Name	Corning® CellBIND® 24-well Clear Multiple Well Plates, Flat Bottom, with Lid, Sterile
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs
Product Number	3338
Product Name	Corning® CellBIND® 48-well Multiple Well Plates, Flat Bottom, Clear, with Lid, Sterile
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs
Product Number	3471
Product Name	Costar® 6-well Clear Flat Bottom Ultra-Low Attachment Multiple Well Plates, Individually Wrapped, Sterile
Qty./Pk	1 / Pk
Qty./Cs	24 / Cs

Product Number	3473
Product Name	Costar® 24-well Clear Flat Bottom Ultra-Low Attachment Multiple Well Plates, Individually Wrapped, Sterile
Qty./Pk	1 / Pk
Qty./Cs	24 / Cs
Product Number	3506
Product Name	Costar® 6-well Clear TC-treated Multiple Well Plates, Bulk Packed, Sterile
Qty./Pk	5 / Pk
Qty./Cs	100 / Cs
Product Number	3512
Product Name	Costar® 12-well Clear TC-treated Multiple Well Plates, Bulk Pack, Sterile
Qty./Pk	5 / Pk
Qty./Cs	100 / Cs
Product Number	3513
Product Name	Costar® 12-well Clear TC-treated Multiple Well Plates, Individually Wrapped, Sterile
Qty./Pk	1 / Pk
Qty./Cs	50 / Cs
Product Number	3516
Product Name	Costar® 6-well Clear TC-treated Multiple Well Plates, Individually Wrapped, Sterile
Qty./Pk	1 / Pk
Qty./Cs	50 / Cs

Corning® 96-well Clear Polystyrene Microplates



- Cell culture microplates are sterile and nonpyrogenic.
- Lids available where indicated

Cat. nos. 3798 and 3898 processed to improve hydrophilicity for hemagglutination and similar assays.

Cat. Nos. 3585 and 3595 have special low evaporation lids.

Cat. No. 3841 is aseptically manufactured.

Format

Half Area
Half Area, with Lid
Standard
Standard, with Lid

Qty/Pk

10/Pk
1/Pk
20/Pk
25/Pk
5/Pk

Sterile

Yes
No

Surface Treatment

Corning CellBIND
None

TC-treated

High Binding

High Binding

NBS

Poly-D-Lysine

Ultra Low Attachment

Well Bottom

Flat

Easy Wash

Round

V-bottom

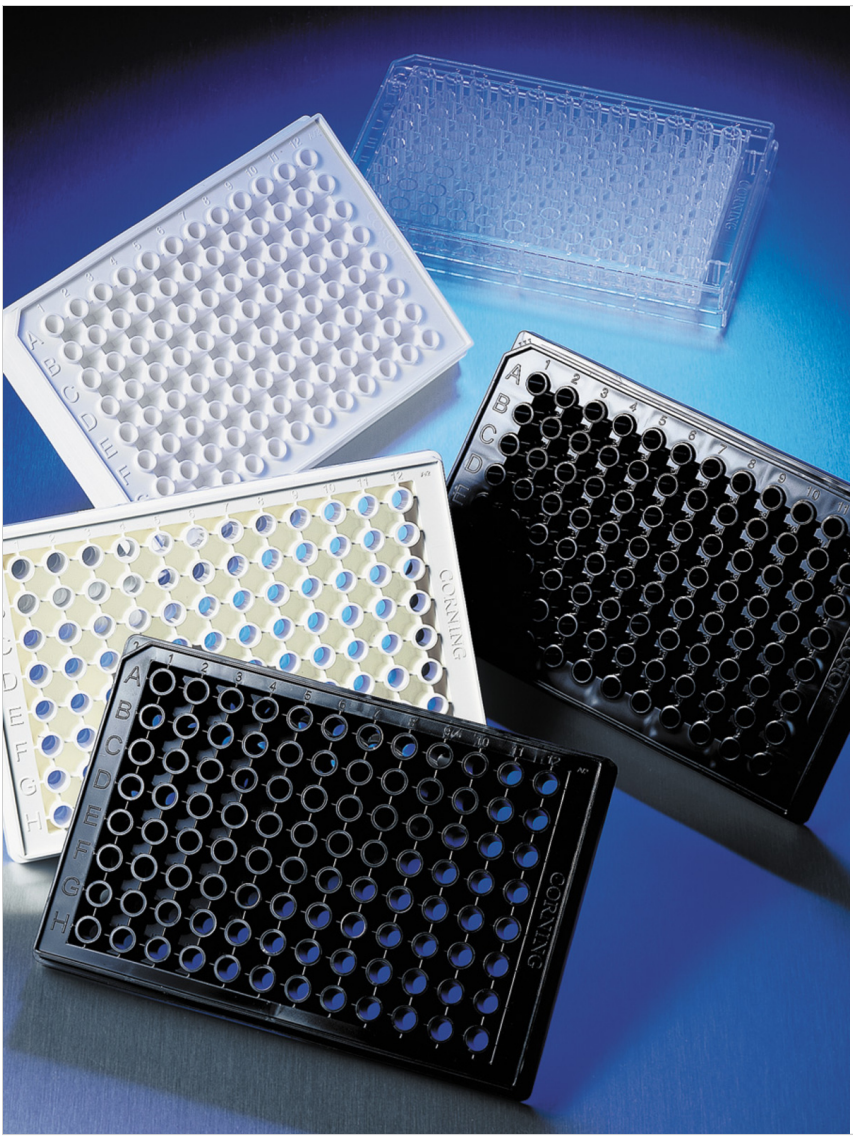
Products

Product Number	3300
Product Name	Corning® CellBIND® 96-well Clear Flat Bottom Polystyrene Microplate, with Lid, Sterile
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs
Product Number	3358
Product Name	Corning® 96-well Clear Round Bottom TC-treated Microplate, 20 per Bag, with Lid, Sterile
Qty./Pk	20 / Pk
Qty./Cs	100 / Cs
Product Number	3360
Product Name	Corning® 96-well Clear Round Bottom TC-treated Microplate, 25 per Bag, without Lid, Sterile
Qty./Pk	25 / Pk
Qty./Cs	100 / Cs

Product Number	3361
Product Name	Corning® 96-well EIA/RIA Clear Flat Bottom Polystyrene High Bind Microplate, 20 per Bag, with Lid, Sterile
Qty./Pk	20 / Pk
Qty./Cs	100 / Cs
Product Number	3366
Product Name	Corning® 96-well EIA/RIA Clear Round Bottom Polystyrene High Bind Microplate, 25 per Bag, without Lid, Nonsterile
Qty./Pk	25 / Pk
Qty./Cs	100 / Cs
Product Number	3367
Product Name	Corning® 96-well Clear Round Bottom Polystyrene Not Treated Microplate, Individually Wrapped, without Lid, Sterile
Qty./Pk	1 / Pk
Qty./Cs	50 / Cs
Product Number	3368
Product Name	Corning® 96-well EIA/RIA Easy Wash™ Clear Flat Bottom Polystyrene Not Treated Microplate, 25 per Bag, without Lid, Nonsterile
Qty./Pk	25 / Pk
Qty./Cs	100 / Cs
Product Number	3369
Product Name	Corning® 96-well EIA/RIA Easy Wash™ Clear Flat Bottom Polystyrene High Bind Microplate, 25 per Bag, without Lid, Nonsterile
Qty./Pk	25 / Pk
Qty./Cs	100 / Cs

Product Number	3370
Product Name	Corning® 96-well Clear Flat Bottom Polystyrene Not Treated Microplate, 20 per Bag, with Lid, Sterile
Qty./Pk	20 / Pk
Qty./Cs	100 / Cs
Product Number	3474
Product Name	Corning® 96-well Clear Flat Bottom Ultra-Low Attachment Microplate, Individually Wrapped, with Lid, Sterile
Qty./Pk	1 / Pk
Qty./Cs	24 / Cs

Corning® 96-well Black/Clear and White/Clear Bottom Polystyrene Microplates



- Bottoms are 60% thinner than conventional polystyrene microplates, resulting in lower background fluorescence and enabling readings down to 340 nm.
- Opaque walls prevent well-to-well cross-talk.
- Optically clear flat bottom permits direct microscopic viewing.

Color

Black and Clear

White and Clear

Format

Half Area

Half Area, with Lid

Special Optics

Standard

Standard, with Lid

Sterile

Yes

No

Surface Treatment

Corning CellBIND

None

TC-treated

High Binding

NBS

Poly-D-Lysine

Well Bottom

Flat

Products

Product Number	3340
Product Name	Corning® CellBIND® 96-well Flat Clear Bottom Black Polystyrene Microplates, with Lid, Sterile
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs
Product Number	3601
Product Name	Corning® 96-well Black/Clear Flat Bottom Polystyrene High Bind Microplate, 25 per Bag, without Lid, Nonsterile
Qty./Pk	25 / Pk
Qty./Cs	100 / Cs
Product Number	3603
Product Name	Corning® 96-well Flat Clear Bottom Black Polystyrene TC-treated Microplates, Individually Wrapped, with Lid, Sterile
Qty./Pk	1 / Pk
Qty./Cs	48 / Cs

Product Number	3604
Product Name	Corning® 96-well White/Clear Flat Bottom Polystyrene NBS Microplate, 25 per Bag, without Lid, Nonsterile
Qty./Pk	25 / Pk
Qty./Cs	100 / Cs
Product Number	3610
Product Name	Corning® 96-well Flat Clear Bottom White Polystyrene TC-treated Microplates, Individually Wrapped, with Lid, Sterile
Qty./Pk	1 / Pk
Qty./Cs	48 / Cs
Product Number	3614
Product Name	Corning® 96-well Special Optics Flat Clear Bottom Black Polystyrene TC-treated Microplates, 25 per Bag, without Lid, Sterile
Qty./Pk	25 / Pk
Qty./Cs	100 / Cs
Product Number	3615
Product Name	Corning® 96-well Black Special Optics w/Clear Flat Bottom Polystyrene Not Treated Microplate, 25 per Bag, No Lid, Nonsterile
Qty./Pk	25 / Pk
Qty./Cs	100 / Cs
Product Number	3631
Product Name	Corning® 96-well Black/Clear Flat Bottom Polystyrene Not Treated Microplate, 25 per Bag, without Lid, Nonsterile
Qty./Pk	25 / Pk
Qty./Cs	100 / Cs

Product Number	3632
Product Name	Corning® 96-well White/Clear Flat Bottom Polystyrene Not Treated Microplate, 25 per Bag, without Lid, Nonsterile
Qty./Pk	25 / Pk
Qty./Cs	100 / Cs

Product Number	3651
Product Name	Corning® 96-well Black/Clear Flat Bottom Polystyrene NBS Microplate, 25 per Bag, without Lid, Nonsterile
Qty./Pk	25 / Pk
Qty./Cs	100 / Cs

Corning® HYPERStack® Cell Culture Vessels

Corning's **H**igh **Y**ield **PER**formance (HYPER) Platform - Closed System for High Yield Cell Growth

The Corning HYPERStack cell culture vessel combines the best of two Corning products: the Corning CellSTACK® and the Corning HYPER*Flask*® cell culture vessels. The utilization of gas-permeable film technology provided in the spatial footprint of the CellSTACK vessel allows the HYPERStack platform to be among the most efficient, scalable cell culture vessels for adherent cell culture available today.

Features and Benefits

- More cells – provides up to 5X the growth surface area of a traditional cell culture vessel of comparable footprint
- Closed system – no open fluid manipulations
- Scalable product – multiple size offerings support scale-up and scale-out
- Ergonomic design – easier manipulation with handling equipment and accessories
- Fixed media volume – 0.2 mL/cm² fills vessel for less volumetric waste

Surface Treatment Guide

Corning CellBIND® surface treatment is designed to enhance cell attachment and increase cell yields, improving attachment of loosely adherent cells and maintaining growth in reduced-serum or serum-free conditions. Alternatively, a non-treated option can support conventional cell attachment and allow for a faster and gentler harvest procedure for downstream processing and assays.

For more information, please refer to the Corning® CellBIND® Surface Brochure in the resource tab on the product pages below.

Layer Number

12
36

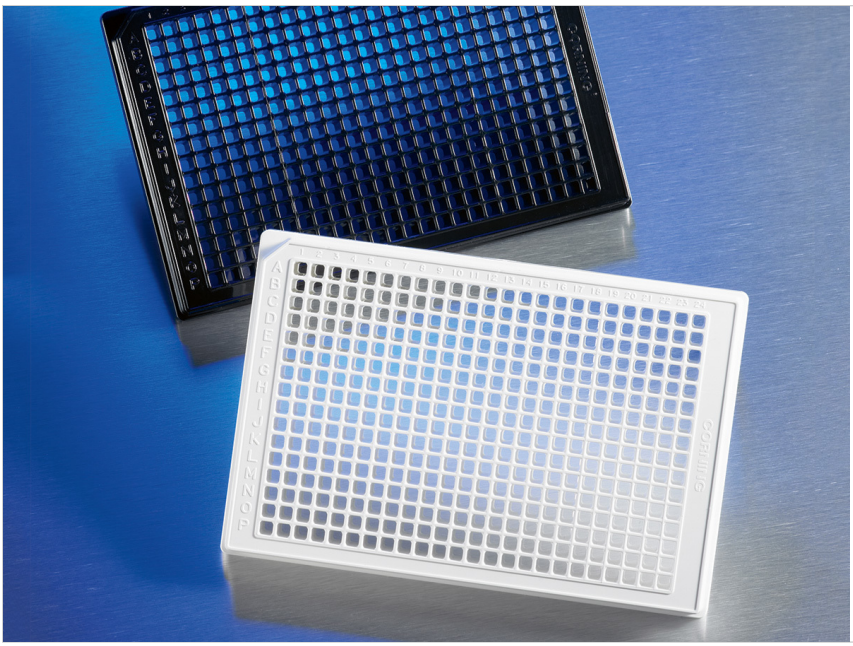
Surface Treatment

CellBIND
Untreated

Products

Product Number	20012
Product Name	Corning® CellBIND® HYPERStack® - 12 Layer Cell Culture Vessel, 4 per Case
Qty./Pk	1 / Pk
Qty./Cs	4 / Cs
Product Number	20013
Product Name	Corning® Untreated HYPERStack® - 12 Layer Cell Culture Vessel, 4 per Case
Qty./Pk	1 / Pk
Qty./Cs	4 / Cs
Product Number	20036
Product Name	Corning® CellBIND® HYPERStack® - 36 Layer Cell Culture Vessel, 2 per Case
Qty./Pk	1 / Pk
Qty./Cs	2 / Cs
Product Number	20037
Product Name	Corning® Untreated HYPERStack® - 36 Layer Cell Culture Vessel, 2 per Case
Qty./Pk	1 / Pk
Qty./Cs	2 / Cs

Corning® 384-well Black/Clear and White/Clear Bottom Polystyrene Microplates



Suited for fluorescent and luminescent assays using either top or bottom detection microplate readers.

Color

Black and Clear
White and Clear

Format

Low Flange
Low Flange, with Lid
Low Flange, with Lid, with Bar Code Labels
Low Volume
Low Volume, with Lid

Qty/Pk

10/Pk
20/Pk
25/Pk

Sterile

Yes
No

Surface Treatment

Collagen
Corning CellBIND
None

TC-treated

Fibronectin

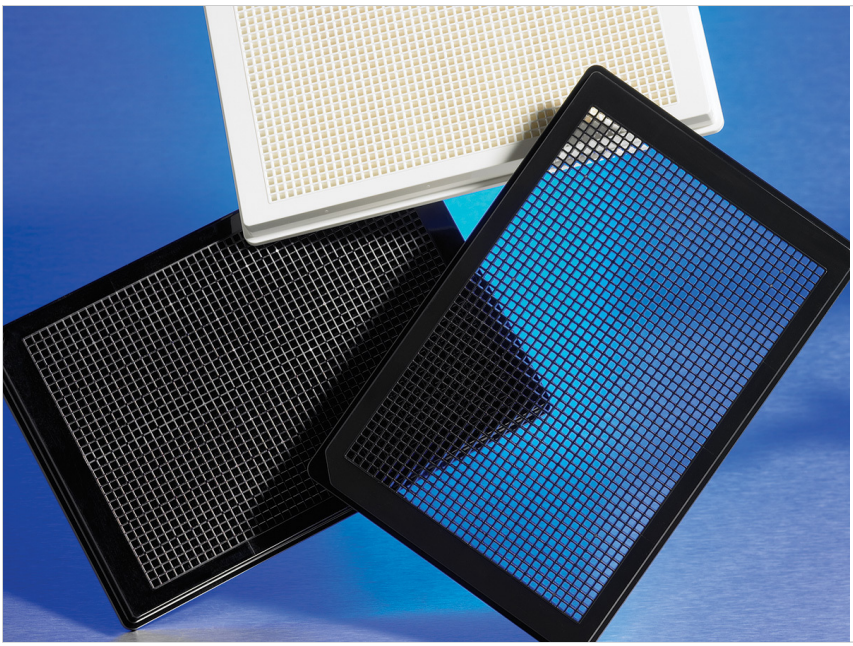
Products

Product Number	3540
Product Name	Corning® Low Volume 384-well Black/Clear Flat Bottom Polystyrene Not Treated Microplate, 10 per Bag, without Lid, Nonsterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	3542
Product Name	Corning® Low Volume 384-well Black/Clear Flat Bottom Polystyrene TC-treated Microplate, 10 per Bag, with Lid, Sterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	3544
Product Name	Corning® Low Volume 384-well Black/Clear Flat Bottom Polystyrene NBS Microplate, 10 per Bag, without Lid, Nonsterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	3643
Product Name	Corning® Low Volume 384-well Black/Clear Flat Bottom Polystyrene Poly-D-Lysine Coated Microplate, 10 per Bag, with Lid, Aseptically Manufactured
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs

Product Number	3762
Product Name	Corning® 384-well Black/Clear Flat Bottom Polystyrene Not Treated Microplate, Low Flange, without Lid, Nonsterile
Qty./Pk	25 / Pk
Qty./Cs	100 / Cs
Product Number	3763
Product Name	Corning® 384-well White/Clear Flat Bottom Low Flange Polystyrene Not Treated Microplate
Qty./Pk	25 / Pk
Qty./Cs	100 / Cs
Product Number	3764
Product Name	Corning® 384-well Flat Clear Bottom Black Polystyrene TC-treated Microplates, Low Flange, 20 per Bag, with Lid, Sterile
Qty./Pk	20 / Pk
Qty./Cs	100 / Cs
Product Number	3764BC
Product Name	Corning® 384-well Flat Clear Bottom Black Polystyrene TC-treated Microplates, Low Flange, 20 per Bag, with Lid, Sterile
Qty./Pk	20 / Pk
Qty./Cs	100 / Cs
Product Number	3765
Product Name	Corning® 384-well Flat Clear Bottom White Polystyrene TC-treated Microplates, 20 per Bag, with Lid, Sterile
Qty./Pk	20 / Pk
Qty./Cs	100 / Cs

Product Number	3766
Product Name	Corning® 384-well Black/Clear Flat Bottom Polystyrene NBS Microplate, Low Flange, without Lid, Nonsterile
Qty./Pk	25 / Pk
Qty./Cs	100 / Cs

Corning® 1536-well Cyclic Olefin Copolymer (COC) Microplates



Corning 1536-well microplates are our highest density microplates available for high throughput screening. The microplates conform to standard microplate footprint and dimensions. These microplates are offered in solid black and white polystyrene, with round or flat bottoms, and in black-clear bottom formats.

- 127 µm film thickness
- 1536-well low base, black/clear or white/clear bottom microplates
- Bar coded
- Custom bar codes available for compatibility with the Kalypsys system and with UHTS systems
- Low auto-fluorescence
- Broad chemical resistance including DMSO and alcohol
- High mechanical stability
- Optimized for flatness and uniformity
- Low birefringence

Color

Black
Black and Clear
White

Format

High Base
Low Base

Surface Treatment

Corning CellBIND
None
TC-treated
CellBIND
NBS

Barcode

Short Side
Long Side

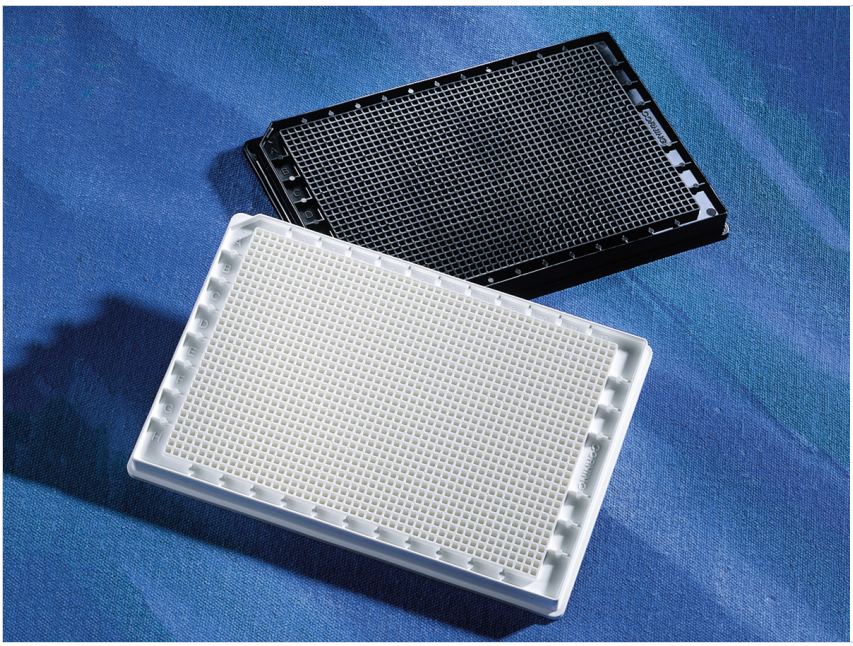
Products

Product Number	4370
Product Name	Corning® 1536-well White High Base Cyclic Olefin Copolymer TC-Treated Microplate, 10 per Bag, without Lid, with Bar Code on Short Side, Sterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	4371
Product Name	Corning® 1536-well Black High Base Cyclic Olefin Copolymer Not Treated Microplate, 10 per Bag, without Lid, with Bar Code on Short Side, Nonsterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	4372
Product Name	Corning® 1536-well White High Base Cyclic Olefin Copolymer Not Treated Microplate, 10 per Bag, without Lid, with Bar Code on Short Side, Nonsterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	4373
Product Name	Corning® CellBIND® 1536-well Black/Clear Bottom Low Base Cyclic Olefin Copolymer Microplate, 20 per Bag, without Lid, with Bar Code on Short Side, Sterile
Qty./Pk	20 / Pk
Qty./Cs	100 / Cs

Product Number	4560
Product Name	Corning® 1536-well Black/Clear Bottom Low Base Cyclic Olefin Copolymer Not Treated Microplate, 20 per Bag, without Lid, with Bar code on Long Side, Nonsterile
Qty./Pk	20 / Pk
Qty./Cs	100 / Cs
Product Number	4561
Product Name	Corning® 1536-well Black/Clear Bottom Low Base Cyclic Olefin Copolymer TC-Treated Microplate, 20 per Bag, without Lid, with Bar code on Long Side, Sterile
Qty./Pk	20 / Pk
Qty./Cs	100 / Cs
Product Number	4563
Product Name	Corning® CellBIND® 1536-well Black/Clear Bottom Low Base Cyclic Olefin Copolymer Microplate, 20 per Bag, without Lid, with Bar code on Long Side, Sterile
Qty./Pk	20 / Pk
Qty./Cs	100 / Cs
Product Number	4564
Product Name	Corning® 1536-well Black/Clear Bottom Low Base Cyclic Olefin Copolymer Poly-D-Lysine Coated Microplate, 20 per Bag, without Lid, with Bar code on Long Side, Nonsterile
Qty./Pk	20 / Pk
Qty./Cs	100 / Cs
Product Number	4565
Product Name	Corning® 1536-well Black High Base Cyclic Olefin Copolymer Not Treated Microplate, 10 per Bag, without Lid, with Bar code on Long Side, Nonsterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs

Product Number	4566
Product Name	Corning® 1536-well Black High Base Cyclic Olefin Copolymer TC-Treated Microplate, 10 per Bag, without Lid, with Bar code on Long Sides, Sterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs

Corning®1536-well Standard Polystyrene Microplates and Low Base



Corning 1536-well microplates are our highest density microplates available for high throughput screening. The microplates conform to standard microplate footprint and dimensions. These microplates are offered in solid black and white polystyrene, with round or flat bottoms, and in black-clear bottom formats.

- Total well volume of 10 µL for round well microplates and 12.8 µL for flat bottom microplates
- Recommended working volume up to 8 µL
- Round well bottom for reduced air entrapment and improved CV values and Z factor
- Raised well bottom for higher sensitivity
- Flood reservoir on four sides to reduce instrument contamination
- Lids are available separately. Corning lid (Cat. No. 3098) is compatible with these microplates.

Color

Black

Black and Clear

White

Format

High Base, without Logo or Lettering

Low Base

Low Base, with Lid, Bar Code Labels

Low Base, without Label or Lettering

Standard

Sterile

Yes

No

Surface Treatment

Collagen

Corning CellBIND

None

TC-treated

NBS

Well Bottom

Flat

Round

Products

Product Number	3549
Product Name	Corning® 1536 well Solid White Collagen Coated Polystyrene Microplate, without Lid, 50/case
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	3724
Product Name	Corning® 1536-well Black Polystyrene Not Treated Microplate, 10 per Bag, without Lid, Nonsterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	3724BC
Product Name	Corning® 1536-well Black Polystyrene Not Treated Microplate, 10 per Bag, without Lid, With Generic Bar Code, Nonsterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	3725
Product Name	Corning® 1536-well White Polystyrene Not Treated Microplate, 10 per Bag, without Lid, Nonsterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs

Product Number	3725BC
Product Name	Corning® 1536-well White Polystyrene Not Treated Microplate, 10 per Bag, without Lid, With Generic Bar Code, Nonsterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	3726
Product Name	Corning® 1536-well Black Polystyrene TC-treated Microplate, 10 per Bag, with Lid, Sterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	3726BC
Product Name	Corning® 1536 well Solid Black TC Treated Polystyrene Microplate, with Generic Bar codes, with Lid, Sterile, 50/case
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	3727
Product Name	Corning® 1536-well White Polystyrene TC-treated Microplate, 10 per Bag, with Lid, Sterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs
Product Number	3727BC
Product Name	Corning® 1536-well White Polystyrene TC-treated Microplate, 10 per Bag, with Lid, With Generic Bar Code, Sterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs

Product Number	3728
Product Name	Corning® 1536-well Black Polystyrene NBS Microplate, 10 per Bag, without Lid, Nonsterile
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs

Corning® Microcarriers for Bioprocess Scale-up

Corning microcarriers are designed to simplify your scale-up processes. The microcarriers are sterile, ready-to-use, and available in closed systems packaging to be used directly with bioreactors. Additionally, the microcarriers are surface-treated to enhance cell attachment, maximizing cell yield and viability.

Features

- Consistency – USP Class VI polystyrene material provides a consistent platform
- Performance – Corning microcarriers are offered untreated or with the following surface treatments:
  - Corning Synthemax® II substrate creates a synthetic surface on the microcarriers for stem cell expansion. For use with MSC and iPS/ES applications. (Animal Origin Free)
  - Corning CellBIND® surface treatment infuses the surface of the microcarriers with oxygen to improve cell attachment. (Animal Origin Free)
  - Collagen coating
- Sterility Assurance Level (SAL) of 10^{-6}
- Nonpyrogenic
- Available as closed system solutions

Product Specifications

- Bead size: 125 µm to 212 µm
- Density: 1.026 ± 0.004 g/cm³
- cm²/gram: 360

Vials and Closed System Packaging

Corning microcarriers are available sterile and ready to use in 10 g vials. This format provides flexibility to select the amount of beads to use.

During the mature phase of process development and into manufacturing, closed system packaging would be necessary to maintain sterility and ease bioreactor loading. Corning microcarriers are also available in off-the-shelf and custom closed systems packaging. Tubing, connectors, and materials are customizable based on individual needs.

Surface Treatment

Collagen
Corning CellBIND
Low Concentration Synthemax II
None

Size

100 g
10 g
500 g

Products

Product Number	3772
Product Name	Corning® Untreated Microcarriers, 10g Vial
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	3779
Product Name	Corning® Enhanced Attachment Microcarriers, 10g Vial
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	3781
Product Name	Corning® Low Concentration Synthemax® II Microcarriers, 10g Vial
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	3786
Product Name	Corning® Collagen Coated Microcarriers, 10g Vial
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	4620
Product Name	Corning® CellBIND® Microcarriers, 100g Bottle
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs

Product Number	4621
Product Name	Corning® CellBIND® Microcarriers, 500g Bottle
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	4622
Product Name	Corning® Low Concentration Synthemax® II Microcarriers, 100g Bottle
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	4623
Product Name	Corning® Low Concentration Synthemax® II Microcarriers, 500g Bottle
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	4624
Product Name	Corning® Untreated Microcarriers, 100g Bottle
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	4625
Product Name	Corning® Untreated Microcarriers, 500g Bottle
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs

Corning® Disposable Aseptic Transfer Cap for Microcarriers Bottles

These are aseptic transfer caps for 100 g and 500 g sizes.

Capacity

100 g
500 g

Tubing Connection

Luer Lock
MPC

Products

Product Number	4626
Product Name	Disposable 45 mm Aseptic Transfer Cap for 100 g Microcarriers Bottles, Male Luer Lock, Sterile
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	4627
Product Name	Disposable 45 mm Aseptic Transfer Cap for 100 g Microcarriers Bottles, MPC, Sterile
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	4628
Product Name	Disposable 48 mm Aseptic Transfer Cap for 500g Microcarriers Bottles, Male Luer Lock, Sterile
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	4629
Product Name	Disposable 48 mm Aseptic Transfer Cap for 500 g Microcarriers Bottles, MPC, Sterile
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs

Corning® Primaria™ Cell Culture Flasks

- Unique nitrogen-containing tissue culture surface chemistry
- Improves attachment, spreading, and growth for many primary cells or cell lines
- Crystal-grade polystyrene modified by proprietary vacuum-gas plasma treatment process
- Stable, permanent surface modification
- Optically clear
- No special storage required
- Samples from each lot of Corning Primaria products are analyzed by Electron Scanning for Chemical Analysis (ESCA)
- Packaged in red color-coded, peel-open, medical-style packages
- Sterilized by gamma irradiation
- Nonpyrogenic tested to less than 0.1 EU/mL

Cap Style

Plug Seal
Vented Cap

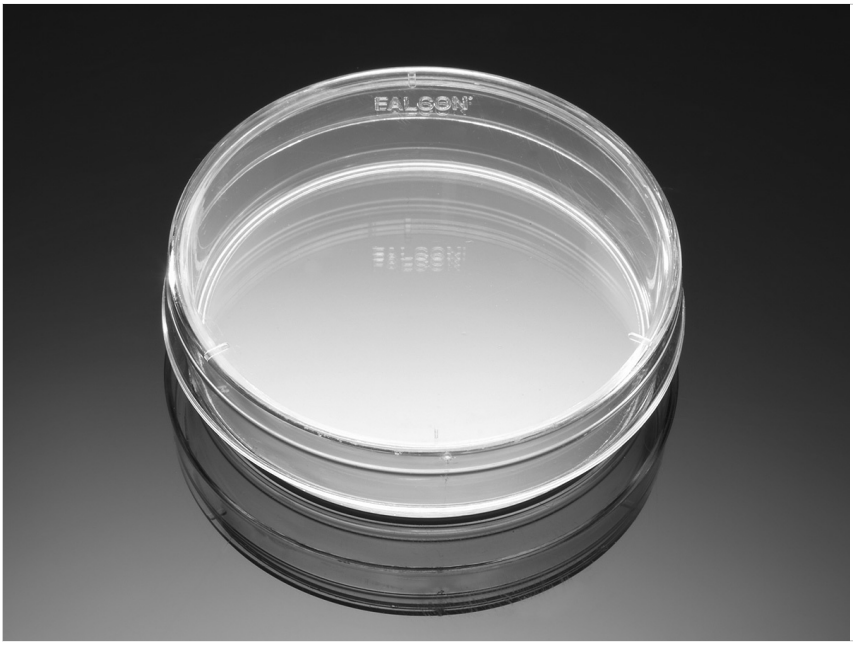
Surface Area

25 cm^2
75 cm^2

Products

Product Number	353808
Product Name	Corning® Primaria™ 25cm² Rectangular Canted Neck Cell Culture Flask with Vented Cap
Qty./Pk	20 / Pk
Qty./Cs	100 / Cs
Product Number	353810
Product Name	Corning® Primaria™ 75cm² Rectangular Straight Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	100 / Cs
Product Number	353813
Product Name	Corning® Primaria™ 25cm² Rectangular Canted Neck Cell Culture Flask with Plug Seal Cap
Qty./Pk	20 / Pk
Qty./Cs	200 / Cs
Product Number	353824
Product Name	Corning® Primaria™ 75cm² Rectangular Straight Neck Cell Culture Flask with Plug Seal Cap
Qty./Pk	5 / Pk
Qty./Cs	100 / Cs

Corning® Primaria™ Cell Culture Dishes



The Corning Primaria surface features a unique mixture of oxygen-containing (negatively charged) and nitrogen-containing (positively charged) functional groups on the polystyrene surface. The surface supports the growth of cells that can exhibit poor attachment or limited differentiation potential when cultured on traditional TC surfaces, including neuronal, primary, endothelial, and tumor cells. The surface consistency of each lot is confirmed by electron spectroscopy chemical analysis (ESCA).

- Crystal-grade polystyrene modified by proprietary vacuum-gas plasma treatment process
- Stable, permanent surface modification
- Optically clear
-
- Packaged in red color-coded, peel-open, medical-style packages
- Sterilized by gamma irradiation
- Nonpyrogenic tested to less than 0.1 EU/mL

Diameter

35 mm

60 mm

100 mm

Products

Product Number	353801
Product Name	Corning® Primaria™ 35 mm x 10 mm Easy Grip Style Cell Culture Dish, 20/Sleeve, 200/Case
Qty./Pk	20 / Pk
Qty./Cs	200 / Cs

Product Number	353802
Product Name	Corning® Primaria™ 60 mm x 15 mm Standard Cell Culture Dish, 20/Pack, 200/Case
Qty./Pk	20 / Pk
Qty./Cs	200 / Cs

Product Number	353803
Product Name	Corning® Primaria™ 100 mm x 20 mm Standard Cell Culture Dish, 20/Pack, 200/Case
Qty./Pk	20 / Pk
Qty./Cs	200 / Cs

Corning® PureCoat™ Amine and Carboxyl Plates

Corning PureCoat Amine (positively charged) and Carboxyl (negatively charged) surfaces provide improved cell attachment, faster cell proliferation, and enhanced recovery post-thaw over standard TC surfaces. These surfaces function with a broad range of primary, transfected, transformed, and fastidious cell types, and have demonstrated utility in serum-reduced or serum-free conditions.

Qty/Cs

5/Cs
50/Cs

Surface Treatment

Amine
Carboxyl

Well Number

6-well
24-well

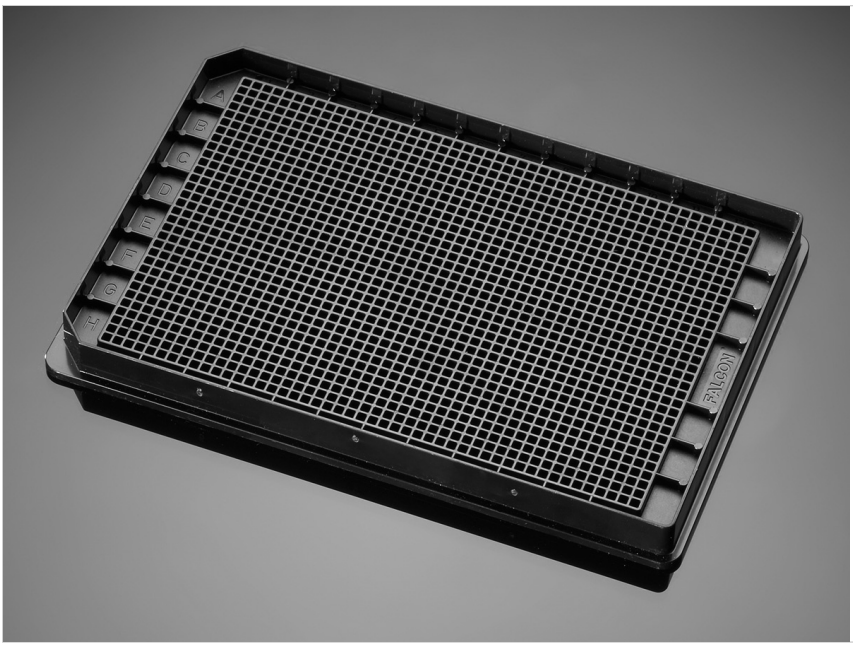
Products

Product Number	354721
Product Name	Corning® PureCoat™ Amine 6-well Plate, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs

Product Number	354723
Product Name	Corning® PureCoat™ Amine 24-well Plate, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	354773
Product Name	Corning® PureCoat™ 6-well Carboxyl Plate, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	354775
Product Name	Corning® PureCoat™ Carboxyl 24-well Plate, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	356721
Product Name	Corning® PureCoat™ Amine 6-well Plate, 5/Pack, 50/Case
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs
Product Number	356723
Product Name	Corning® PureCoat™ Amine 24-well TC-treated Plate, 5/Pack, 50/Case
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs

Product Number	356773
Product Name	Corning® PureCoat™ 6-well Carboxyl Plate, 5/Pack, 50/Case
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs
Product Number	356775
Product Name	Corning® PureCoat™ Carboxyl 24-well Plate, 5/Pack, 50/Case
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs

Corning® PureCoat™ Amine and Carboxyl Microplates



Corning PureCoat Amine (positively charged) and Carboxyl (negatively charged) surfaces provide improved cell attachment, faster cell proliferation, and enhanced recovery post-thaw over standard TC surfaces. These surfaces function with a broad range of primary, transfected, transformed, and fastidious cell types, and have demonstrated utility in serum-reduced or serum-free conditions.

Qty/Cs

- 5/Cs
- 50/Cs

Surface Treatment

- Amine

Well Number

- 96-well
- 384-well

Products

Product Number	354717
Product Name	Corning® PureCoat™ Amine 96-well Black/Clear Flat Bottom Plate, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs

Product Number	354719
Product Name	Corning® PureCoat™ Amine 384-well Black Microplate, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	356717
Product Name	Corning® PureCoat™ Amine 96-well Black/Clear Flat Bottom Plate, 5/Pack, 50/Case
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs
Product Number	356719
Product Name	Corning® PureCoat™ Amine 384-well Black Plate, 5/Pack, 50/Case
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs

Corning® PureCoat™ Amine and Carboxyl Culture Dishes

Corning PureCoat Amine (positively charged) and Carboxyl (negatively charged) surfaces provide improved cell attachment, faster cell proliferation, and enhanced recovery post-thaw over standard TC surfaces. These surfaces function with a broad range of primary, transfected, transformed, and fastidious cell types, and have demonstrated utility in serum-reduced or serum-free conditions.

Surface Treatment

Amine
Carboxyl

Qty/Cs

10/Cs
40/Cs

Products

Product Number	354732
Product Name	Corning® PureCoat™ Amine 100 mm Dish, 10/pack, 10/case
Qty./Pk	10 / Pk
Qty./Cs	10 / Cs

Product Number	354784
Product Name	Corning® PureCoat™ Carboxyl 100 mm Dish, 10/Pack, 10/Case
Qty./Pk	10 / Pk
Qty./Cs	10 / Cs
Product Number	356732
Product Name	Corning® PureCoat™ Amine 100 mm Dish, 10/Pack, 40/Case
Qty./Pk	10 / Pk
Qty./Cs	40 / Cs
Product Number	356784
Product Name	Corning® PureCoat™ Carboxyl 100 mm Dish, 10/Pack, 40/Case
Qty./Pk	10 / Pk
Qty./Cs	40 / Cs

Corning® PureCoat™ Amine and Carboxyl Flasks

Corning PureCoat Amine (positively charged) and Carboxyl (negatively charged) surfaces provide improved cell attachment, faster cell proliferation, and enhanced recovery post-thaw over standard TC surfaces. These surfaces function with a broad range of primary, transfected, transformed, and fastidious cell types, and have demonstrated utility in serum-reduced or serum-free conditions.

Qty/Cs

5/Cs
40/Cs
50/Cs

Surface Treatment

Amine
Carboxyl

Surface Area

75 cm^2
175 cm^2

Products

Product Number	354726
Product Name	Corning® PureCoat™ Amine 75cm² Rectangular Canted Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	354728
Product Name	Corning® PureCoat™ Amine 175cm² Rectangular Straight Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	354778
Product Name	Corning® PureCoat™ Carboxyl 75cm² Rectangular Canted Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	354780
Product Name	Corning® PureCoat™ Carboxyl 175cm² Rectangular Straight Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	356726
Product Name	Corning® PureCoat™ Amine 75cm² Rectangular Canted Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs

Product Number	356728
Product Name	Corning® PureCoat™ Amine 175cm² Rectangular Straight Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	40 / Cs
Product Number	356778
Product Name	Corning® PureCoat™ Carboxyl 75cm² Rectangular Canted Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs
Product Number	356780
Product Name	Corning® PureCoat™ Carboxyl 175cm² Rectangular Straight Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	40 / Cs

Corning® PureCoat™ ECM Mimetic Cultureware Flasks

Corning ECM mimetic surfaces and substrates contain biologically active, synthetic, animal-free peptides that have been rationally designed to mimic the cell attachment motifs of native ECM proteins. The peptides enable optimal cell binding and signaling in a broad range of serum-free, xeno-free, and animal-free media formulations, supporting the propagation and differentiation of a range of stem, progenitor, and primary cell types.

Corning PureCoat cultureware is coated with biologically active, synthetic, animal-free peptides that are covalently linked to a proprietary surface to provide a highly consistent, cost-effective alternative to self-coated extracellular peptides. The proprietary covalent linkage orients the peptides for optimal binding and signaling.

Surface Treatment

PureCoat ECM Mimetic Collagen I Peptide
PureCoat ECM Mimetic Fibronectin Peptide

Surface Area

75 cm^2
175 cm^2
525 cm^2
875 cm^2

Products

Product Number	356242
Product Name	Corning® PureCoat™ Fibronectin Peptide 75cm² Rectangular Canted Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	10 / Cs
Product Number	356243
Product Name	Corning® PureCoat™ Fibronectin Peptide 175cm² Rectangular Canted Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	10 / Cs
Product Number	356244
Product Name	Corning® PureCoat™ Fibronectin Peptide 525cm² Rectangular Straight Neck Cell Culture Multi-Flask, 3-layer with Vented Cap
Qty./Pk	1 / Pk
Qty./Cs	8 / Cs
Product Number	356245
Product Name	Corning® PureCoat™ Fibronectin Peptide 875cm² Rectangular Straight Neck Cell Culture Multi-Flask, 5-layer with Vented Cap
Qty./Pk	1 / Pk
Qty./Cs	6 / Cs
Product Number	356272
Product Name	Corning® PureCoat™ Collagen I Peptide 75cm² Rectangular Canted Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	10 / Cs

Product Number	356273
Product Name	Corning® PureCoat™ Collagen I Peptide 175cm² Rectangular Canted Neck Cell Culture Flask with Vented Cap
Qty./Pk	5 / Pk
Qty./Cs	10 / Cs
Product Number	356274
Product Name	Corning® PureCoat™ Collagen I 525cm² Rectangular Straight Neck Cell Culture Multi-Flask, 3-layer with Vented Cap
Qty./Pk	1 / Pk
Qty./Cs	8 / Cs
Product Number	356275
Product Name	Corning® PureCoat™ Collagen I 875cm² Rectangular Straight Neck Cell Culture Multi-Flask, 5-layer with Vented Cap
Qty./Pk	1 / Pk
Qty./Cs	6 / Cs

Corning® PureCoat™ ECM Mimetic Cultureware Plates

Corning ECM mimetic surfaces and substrates contain biologically active, synthetic, animal-free peptides that have been rationally designed to mimic the cell attachment motifs of native ECM proteins. The peptides enable optimal cell binding and signaling in a broad range of serum-free, xeno-free, and animal-free media formulations, supporting the propagation and differentiation of a range of stem, progenitor, and primary cell types.

Corning PureCoat cultureware is coated with biologically active, synthetic, animal-free peptides that are covalently linked to a proprietary surface to provide a highly consistent, cost-effective alternative to self-coated extracellular peptides. The proprietary covalent linkage orients the peptides for optimal binding and signaling.

Surface Treatment

PureCoat ECM Mimetic Collagen I Peptide
PureCoat ECM Mimetic Fibronectin Peptide

Well Number

6-well
24-well

Products

Product Number	356240
Product Name	Corning® PureCoat™ Fibronectin Peptide 6-well Flat Bottom, with Lid, Individually Wrapped, Sterile, 10/Case
Qty./Pk	1 / Pk
Qty./Cs	10 / Cs

Product Number	356241
Product Name	Corning® PureCoat™ Fibronectin Peptide 24-well Clear Plate, with Lid, Individually Wrapped, Sterile, 10/Case
Qty./Pk	1 / Pk
Qty./Cs	10 / Cs
Product Number	356270
Product Name	Corning® PureCoat™ Collagen I Peptide 6-well Flat Bottom TC-treated Plate, with Lid, Sterile, 5/Pack, 10/Case
Qty./Pk	5 / Pk
Qty./Cs	10 / Cs
Product Number	356271
Product Name	Corning® PureCoat™ Collagen I Peptide 24-well Clear Plate, with Lid, Sterile, 5/Pack, 10/Case
Qty./Pk	5 / Pk
Qty./Cs	10 / Cs

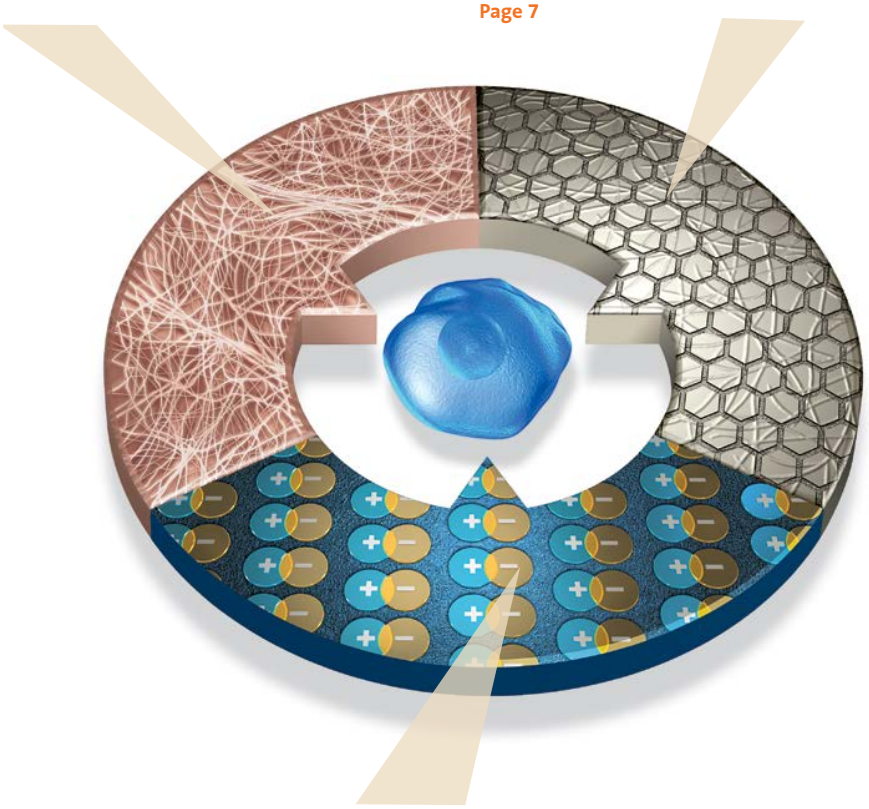
The Right Surface for Every Cell

Corning's history in cell culture surfaces extends back more than 100 years. During that time, we have introduced numerous new surface technologies, including Corning® Matrigel® matrix, Corning BioCoat™ pre-coated cultureware, and synthetic ECM mimetic peptides.

In addition to non-treated and tissue culture-treated Corning and Falcon® polystyrene cell culture vessels, Corning offers a number of technologies for enhanced binding and growth of specialized and fastidious cell types in low- and non-serum media environments. These technologies include functional, structural, and surface charge modalities.

Extracellular Matrices and Biologically Coated Surfaces
Corning extracellular matrices (ECMs) enable researchers to mimic *in vivo* environments for 2D and 3D cell culture applications. Products include Corning Matrigel matrix, purified ECMs, and Corning BioCoat pre-coated cultureware.
Page 1

ECM Mimetic and Advanced Surfaces
Corning ECM Mimetic and Advanced Surfaces provide unique, functional surface activity for a range of specialized cell expansion and assay applications. Examples include Corning PureCoat™ ECM mimetic cultureware for defined stem and progenitor cell expansion and Corning Ultra-Low Attachment (ULA) surface for 3D spheroid formation and high content screening.
Page 7



Enhanced Tissue Culture-treated Surfaces
A novel family of treatments that alter the surface charge of culture vessels. Compared to cells grown on traditional tissue culture-treated surfaces, enhanced surfaces improve the attachment and growth of fastidious cell types, such as primary or transfected cell lines in low- or serum-free environments.
Page 12

Front cover: Electron microscopy image of a muscle myoblast (primitive embryonic muscle cell) attached to a tissue culture surface by extracellular matrix.

Extracellular Matrices and Biologically Coated Surfaces

Corning provides a wide range of animal, human, and synthetic matrices to support cell attachment, propagation, differentiation, and migration. Corning's extensive experience purifying ECMs and other proteins, rigorous quality processes, and ISO 9001 manufacturing, results in high quality, consistent vialed and pre-coated products.

Corning® Matrigel® Matrix – the Original, Trusted Extracellular Matrix

Corning Matrigel matrix is a solubilized basement membrane preparation extracted from the Engelbreth-Holm-Swarm (EHS) mouse sarcoma, a tumor rich in extracellular matrix proteins, including Laminin (a major component), collagen IV, heparan sulfate proteoglycans, entactin/nidogen and a number of growth factors.

Matrigel matrix is a key reagent used in the development of angiogenesis and tumorigenesis models. It is the basis of many angiogenesis assays both *in vitro* and *in vivo*, as well as various tumor cell invasion assays. Matrigel matrix has also been used for:

- *In vivo* xenograft generation of human tumors in immunosuppressed mice
- Feeder-free expansion of both human embryonic and induced pluripotent stem cells
- Directed differentiation of neurons, hepatocytes, vascular endothelial cells, beta-islets, cardiomyocytes, and many other cell lineages.
- A scaffold for *in vivo* cell engraftment and functionality testing

Industry-Leading Manufacturing and Quality

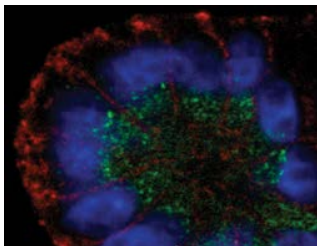
Since Corning Matrigel matrix was first introduced more than 25 years ago, the manufacturing process has a history of protein consistency and superior product performance.

Matrigel matrix is certified lactose dehydrogenase/lactic dehydrogenase (LDEV/LDHV)-free. The manufacturing process incorporates triple-redundant testing, including both LDEV-free mouse colony testing and finished product PCR testing. Matrigel matrix is tested for 27 murine viruses and pathogens in addition to LDEV/LDHV. Corning also offers custom Matrigel matrix production for researchers that need increased levels of validation, testing, documentation, and/or process control.

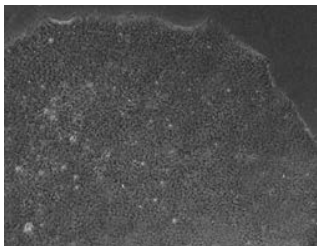
Lot Matching and Reservation Service

Extracellular matrices are complex biological reagents, and, like all biologically-derived reagents, they may be subject to lot-to-lot variation. Corning's stringent quality control and manufacturing practices minimize variation. In addition, researchers can use Corning's online lot matching and reserve tool to:

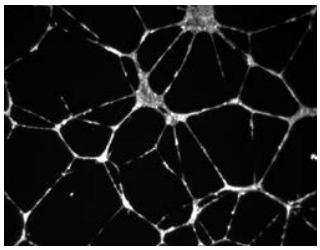
- Set up a lot reserve, which simplifies storage and supply chain resources
- Find a production lot with similar specifications to the previously requested lot number



***In vitro* 3D acinar formation on Corning Matrigel matrix.** Malignant T4-2 mammary epithelial cells were grown in a 3D culture on Matrigel matrix GFR. Immunofluorescence was used to analyze cell polarity markers for basolateral (β-catenin-red) and apical (GM130-green) membrane domains.



Feeder-free expansion of pluri-potent stem cells. Phase contrast images of H9 cells grown on Corning Matrigel hESC-qualified matrix.



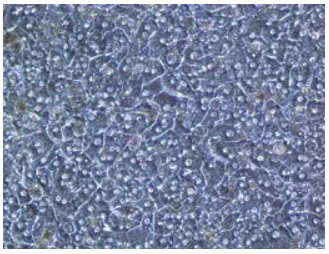
Endothelial Tube Formation. Corning HUVEC-2 cells grown on Corning Matrigel matrix demonstrating elongation, differentiation, and endothelial cell tube formation.

Corning® BioCoat™ Cultureware

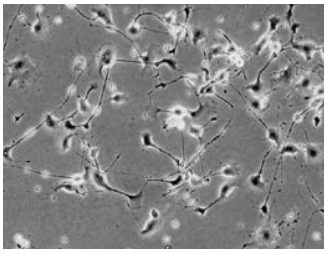
Corning has extensive experience in thin film coating technology and offers highly consistent and biologically functional pre-coated surfaces in a wide range of vessel and microplate formats.

Our stringent quality control measures and documentation are designed to meet the needs of drug discovery and biotechnology applications. Coating is conducted in a highly controlled, aseptic manufacturing environment to ensure lot-to-lot consistency, reproducibility, and contamination control.

In addition to off-the-shelf BioCoat products, Corning's custom coating service offers a wide selection of biological and synthetic coatings for Corning and Falcon® cultureware and microplates.



Primary human hepatocytes cultured on Corning BioCoat Collagen I cultureware. Corning Gentest™ Inducible-qualified human cryohepatocytes were isolated and plated onto Corning BioCoat Collagen I 24-well plates.



Neuronal cell attachment and dendrite formation on Corning BioCoat Laminin cultureware. NG-108 rat glioma/mouse neuroblastoma cells cultured on BioCoat Laminin cultureware exhibit a spindle-shaped morphology and dendritic processes.

Characteristics of ECMs and Biologically Coated Surfaces

Corning Matrigel® Matrix Products

	Standard Formulation	High Concentration (HC)	Growth Factor Reduced (GFR)	Phenol Red-free	hESC-qualified	Organoid Culture
Application	Suitable for culture of polarized cells, such as epithelial cells. Promotes differentiation of many cell types, including hepatocytes, neurons, beta-islets, mammary epithelial, endothelial, and smooth muscle cells.	Higher protein concentration provides greater matrix stiffness and scaffold integrity. Suitable for *in vivo* cell delivery applications for improved cell engraftment and augmentation of solid tumor formation.	Suited for applications where a more highly defined basement membrane preparation is desired. Available in standard, Phenol red-free, and GFR formulations.	Suitable for assays that require color detection (e.g., colorimetric, fluorescence). Available in standard, GFR, and HC formulations.	Pre-screened for compatibility with mTeSR®1 medium by Stem Cell Technologies, providing the reproducibility and consistency essential for human embryonic and induced pluripotent feeder-free stem cell culture.	Validated to support growth of human intestinal organoids with typical budding morphology and marker expression. Also, verified to support growth of mouse intestinal organoids and human airway organoids, providing reproducibility and consistency essential for organoid culture.
Source	Mouse	Mouse	Mouse	Mouse	Mouse	Mouse
Protein Concentration	8 - 12 mg/mL	18 - 22 mg/mL	8 - 12 mg/mL	8 - 12 mg/mL	See certificate of analysis for dilution factor which is calculated based on protein concentration.	See certificate of analysis for lot-specific protein concentration.
Shelf Life	2 years from date of manufacture. Date of expiration is located on a lot-specific certificate of analysis.	2 years from date of manufacture. Date of expiration is located on a lot-specific certificate of analysis.	2 years from date of manufacture. Date of expiration is located on a lot-specific certificate of analysis.	2 years from date of manufacture. Date of expiration is located on a lot-specific certificate of analysis.	2 years from date of manufacture. Date of expiration is located on a lot-specific certificate of analysis.	2 years from date of manufacture. Date of expiration is located on a lot-specific certificate of analysis.
Vialed Formats (Cat. No./Qty.)	356234 | 5 mL 354234 | 10 mL 356235 | 5 x 10 mL 356237 | 10 mL (Phenol red-free) 356232 I 5 x 5 mL 356254 I 10 x 10 mL	354248 | 10 mL 354262 | 10 mL (Phenol red-free) 354263 | 10 mL (GFR)	356230 | 5 mL (Standard) 354230 | 10 mL (Standard) 354263 | 10 mL (HC) 356231 | 10 mL (Phenol red-free) 356238 I 5 x 10 mL (Phenol red-free) 356239 I 10 x 10 mL (Phenol red-free) 356252 I 5x 10 mL (Standard) 356253 I 10 x 10 mL (Standard)	356237 | 10 mL (Standard) 354262 | 10 mL (HC) 356231 | 10 mL (GFR) 356238 I 5 x 10 mL (GFR) 356239 I 10 x 10 mL (GFR)	354277 | 5 mL 356277 I 5 x 5 mL 356278 I 10 x 5 mL	356255 I 10 mL
BioCoat™ Options	Plates: 6-well, 24-well, 96-well Inserts: for 24-well plates Dishes: 60 mm, 100 mm	N/A	3D Plates: 96-well, 384-well	3D Plates: 96-well, 384-well	N/A	N/A

Characteristics of Coated Surfaces

Corning® Extracellular Matrix Products

	Human Fibronectin, sterile filtered	Human Vitronectin, sterile filtered	Human Osteopontin	Poly-D-Lysine, sterile filtered	Corning® Cell-Tak™ Cell and Tissue Adhesive	Corning PuraMatrix® Peptide Hydrogel	Human Extracellular Matrix
Application	Suitable as a thin coating on tissue culture surfaces to promote attachment, spreading and proliferation of a variety of cell types. It can also be used as an additive to serum-free culture medium.	When used as a thin coating on tissue culture surfaces, Vitronectin is useful to promote cell attachment, spreading, proliferation, and differentiation of many normal and neoplastic cells, and to study cell migration.	RGD containing glycoprotein, used as a coating or media additive. Key research areas include bone research, integrin binding, kidney function, inflammation, chemotaxis, leukocyte recruitment, tissue remodeling, and tumorigenesis.	Suitable as a thin coating to enhance the attachment of cells to plastic and glass surfaces	Can be used for establishment of primary cultures, *in situ* hybridization, immunoassays, microinjection, immunohistochemistry, and patch clamping.	Synthetic matrix enabling researchers to develop microenvironments. Applications include primary cell differentiation, cell migration/invasion, angiogenesis assays, and *in vivo* cell engraftment for analyses of tissue regeneration.	Promotes attachment, spreading, mitosis, and differentiation of anchorage-dependent epithelial cells, particularly of human origin.
Source	Human plasma	Human plasma	Human milk	Synthetic molecule	*Mytilus edulis*	Synthetic peptide	Human placenta
Protein Concentration	Lyophilized (100 mM CAPS, 0.15M NaCl, 1 mM $CaCl_2$, pH 11.0). Reconstitute at 1 mg/mL	Lyophilized (dialyzed against 10 mM phosphate buffer pH 7.7); reconstitute in sterile distilled water or buffered solution at neutral pH	100 - 300 µg/mL, as a liquid in Dulbecco's Phosphate Buffered Saline	Lyophilized from aqueous solution. Reconstitute in sterile distilled water to preferred stock concentration.	1.5 - 2.0 mg/mL in 5% acetic acid solution	1% solution (w/v) of purified synthetic peptide, pH 3.0	0.1 - 1.5 mg/mL, frozen in 20 mM sodium phosphate buffer, pH 7.4
Shelf-life	2 years from date of manufacture. Date of expiration is located on lot specific certificate of analysis.	2 years from date of manufacture. Date of expiration is located on lot specific certificate of analysis.	7 years from date of manufacture. Date of expiration is located on lot specific certificate of analysis.	2 years from date of manufacture. Date of expiration is located on lot specific certificate of analysis.	2 years from date of manufacture. Date of expiration is located on lot specific certificate of analysis.	2 years from date of manufacture. Date of expiration is located on lot specific certificate of analysis.	2 years from date of manufacture. Date of expiration is located on lot specific certificate of analysis.
Vialed Formats (Cat. No./Qty.)	354008 | 1 mg 356008 | 5 mg 356009 | 25 mg (5 x 5 mg)	354238 | 250 µg	354256 | 50 µg	354210 | 20 mg	354240 | 1 mg 354241 | 5 mg 354242 | 10 mg (2 x 5 mg)	354250 | 5 mL	354237 | 1 mg
BioCoat™ Options	Plates: 6-well, 24-well, 96-well, 384-well. Dishes: 60 mm, 100 mm Inserts: for 6-well, 24-well, 96-well plates Coverslips: 22 mm Culture Slides: 4-well, 8-well Flasks: T-75, T-175	Custom coating options available	Custom coating options available	Plates: 6-well, 12-well, 24-well, 48-well, 96-well, 384-well Dishes: 35 mm, 60 mm, 100 mm, 150 mm Coverslips: 12 mm, 35 mm. Culture Slides: 4-well, 8-well Flasks: T-25, T-75, T-150, T-175	N/A	N/A	Custom coating options available

Characteristics of Coated Surfaces

Corning® Collagen Products

	Rat Tail Collagen I, sterile filtered	Rat Tail Collagen I High Concentration, sterile filtered	Human Collagen I	Bovine Collagen I	Bovine Collagen II, sterile filtered
Application	Suitable for a thin layer on tissue culture surfaces to enhance cell attachment and proliferation or as a gel to promote expression of cell-specific morphology and function. Commonly used to culture endothelial cells, hepatocytes, muscle cells, and a variety of other cell types.	High concentration provides greater matrix stiffness and scaffold integrity; suitable for 3D cell culture applications.	Suitable for a thin layer on tissue culture surfaces to enhance cell attachment and proliferation	Preparation contains native collagen molecules with a small amount of nicked or shortened sequences due to pepsin treatment.	Suitable for attachment and differentiation of chondrocytes. Can also be used as an *in vivo* model in rats and mice for arthritis studies
Source	Rat tail	Rat tail	Human placenta	Bovine	Bovine
Protein Concentration	3 - 4 mg/mL in 0.02 N acetic acid	8 - 11 mg/mL in 0.02 N acetic acid	2 - 4 mg/mL frozen in 2 mM Hydrochloric acid	~3 - 4 mg/mL in 0.01 N hydrochloric acid	~3 - 4 mg/mL, frozen in 15 mM acetic acid
Shelf Life	2 years from date of manufacture. Date of expiration is located on lot-specific certificate of analysis.	2 years from date of manufacture. Date of expiration is located on lot-specific certificate of analysis.	2 years from date of manufacture. Date of expiration is located on lot-specific certificate of analysis.	2 years from date of manufacture. Date of expiration is located on lot-specific certificate of analysis.	6 years from date of manufacture. Date of expiration is located on lot-specific certificate of analysis.
Vialed Formats (Cat. No./Qty.)	354236 | 100 mg 356236 | 1 g (10 x 100 mg)	354249 | 100 mg	354243 | 0.25 mg 354265 | 10.0 mg	354231 | 30 mg	354257 | 5 mg
BioCoat™ Options	Plates: 6-well, 12-well, 24-well, 48-well, 96-well, 384-well Dishes: 35 mm, 60 mm, 100 mm, 150 mm Flasks: T-25, T-75, T-150, T-175 (vented cap) Cover slip: 22 mm, round Culture slides: 4-well and 8-well Custom coating options available	Custom coating options available	Custom coating options available	Custom coating options available	Custom coating options available

Corning® Collagen Products (continued)

	Human Collagen III	Human Collagen IV	Mouse Collagen IV	Human Collagen V	Human Collagen VI	Corning BioCoat™ Gelatin
Application	Found in several connective tissues including the dermis of young organisms, human skin, and cornea. It can be used as a thin coating on tissue culture surfaces to promote cell attachment and to modulate cell behavior.	A ubiquitous component of the basement membrane. The sheet-like matrix is found in close proximity to epithelial, muscle, and nerve cells. Plays a role in the regulation of cell growth, differentiation, and tissue formation.	A ubiquitous component of the basement membrane. The sheet-like matrix is found in close proximity to epithelial, muscle and nerve cells. Plays a role in the regulation of cell growth, differentiation, and tissue formation.	Found in whole placenta, amnion, chorion, and cornea. Suitable as a thin coating on tissue culture surfaces to study Collagen V effects on cell behavior.	A large, multidomain ECM. Its heterotrimeric chains assemble into microfibrillar networks via tetramerization and end-to-end association. Generally used as a coating but may also be added to cell culture media.	Gelatin substrate enhances the attachment of a variety of normal and transfected cell types.
Source	Human placenta	Human placenta	Engelbreth-Holm-Swarm lathrytic mouse tumor	Human placenta	Human placenta	Porcine
Protein Concentration	0.9 - 1.1 mg/mL in 10 mM Acetic acid	0.5 - 1 mg/mL, frozen in 10 mM Acetic acid	0.2 - 1 mg/mL, frozen in 0.05 M Hydrochloric acid	0.8 - 1 mg/mL, frozen in 10 mM Acetic acid	0.3 - 0.5 mg/mL frozen in 1 M Sodium Chloride, 1.25 mM Tris, pH 8.0	Coating concentration (900 - 1100 µg/mL)
Shelf Life	2 years from date of manufacture. Date of expiration is located on lot-specific certificate of analysis.	2.5 years from date of manufacture. Date of expiration is located on lot-specific certificate of analysis.	2 years from date of manufacture. Date of expiration is located on lot-specific certificate of analysis.	2 years from date of manufacture. Date of expiration is located on lot-specific certificate of analysis.	1.5 years from date of manufacture. Date of expiration is located on lot-specific certificate of analysis.	4.5 years from date of manufacture. Date of expiration is located on lot specific certificate of analysis.
Vialed Formats (Cat. No./Qty.)	354244 | 0.25 mg	354245 | 0.25 mg	354233 | 1 mg 356233 | 10.0 mg (10 x 1 mg)	354246 | 0.25 mg	354261 | 0.5 mg	N/A
BioCoat Options	Custom coating options available	Custom coating options available	Plates: 6-well, 24-well, 96-well Dishes: 60 mm, 100 mm Flasks: T-75, T-175 Culture Slides: 4-well and 8-well Inserts: for 6-well and 24-well plates Custom coating options available	Custom coating options available	Custom coating options available	Plates: 6-well, 96-well Dishes: 100 mm Flasks: T-75 Custom coating options available

Corning® Laminin Products

	Mouse Laminin, sterile filtered	Laminin/Entactin Complex (High Concentration), sterile filtered	Ultrapure Laminin (entactin-free), sterile filtered	Poly-D-Lysine/ Laminin	Poly-L-Ornithine/Laminin
Application	Suitable as a thin coating on tissue culture surfaces or as a soluble additive to culture medium. It has been shown in culture to stimulate neurite outgrowth, promote cell attachment, chemotaxis and cell differentiation.	A highly consistent ECM formulation that enables the study of 3D cell differentiation and functionality, and can be used as a consistent substitute for Corning Matrigel Matrix. Applications include endothelial cell tubulogenesis, and feeder-free culture of hESC and iPSC.	A highly pure preparation of mouse laminin that is devoid of the bridging entactin molecule. Ultrapure Laminin has the same functionality as standard Laminin but is suited for applications where entactin is not desired.	Corning® BioCoat™ PDL/ Laminin enhances the attachment, propagation and differentiation of neuronal cell on plastic and glass surfaces.	BioCoat PLO/Laminin enhances the attachment, propagation and differentiation of neuronal cell on plastic and glass surfaces
Source	Engelbreth-Holm-Swarm mouse tumor	Engelbreth-Holm-Swarm mouse tumor	Engelbreth-Holm-Swarm mouse tumor	Poly-D-Lysine: Synthetic molecule Laminin: Engelbreth-Holm-Swarm (EHS) mouse tumor	Poly-L-Ornithine: Synthetic molecule Laminin: Engelbreth-Holm-Swarm (EHS) mouse tumor
Protein Concentration	0.6 - 2.0 mg/mL, frozen in 0.05 M Tris-HCl, 0.15 M NaCl, pH 7.4	11 - 17 mg/mL , frozen in 0.05 M Tris-HCl, 0.15 M NaCl, pH 7.4	0.6 - 2.0 mg/mL, frozen in 0.05 M Tris-HCl, 0.15 M NaCl, pH 7.4	N/A	N/A
Shelf-life	2 years from date of manufacture. Date of expiration is located on lot specific certificate of analysis.	2 years from date of manufacture. Date of expiration is located on lot specific certificate of analysis.	1 year from date of manufacture. Date of expiration is located on lot specific certificate of analysis.	1.5 years from date of manufacture. Date of expiration is located on lot specific certificate of analysis.	2 years from date of manufacture. Date of expiration is located on lot specific certificate of analysis.
Vialed Formats (Cat. No./Qty.)	354232 | 1 mg	354259 | 10.5 mg	354239 | 1 mg	N/A	N/A
BioCoat™ Options	Plates: 6-well, 24-well, 96-well Dishes: 60 mm, 100 mm Flasks: T-75 (plug seal cap) Custom coating options available	Custom coating options available	Custom coating options available	Plates: 6-well, 24-well, 96-well clear Culture dish: 100 mm Cover slip: 12 mm round Culture Slide: 8-well Custom coating options available	Plates: 6-well, 24-well, 96-well clear Custom coating options available

ECM Mimetic and Advanced Surfaces

Corning is a leader in cell culture surface technology, with a long legacy of developing new surfaces with expanded capabilities. These surfaces enable cell biologists to develop new applications, such as defined expansion and differentiation of stem and progenitor cell types and tools for 3D spheroid generation and screening.

Corning PureCoat ECM Mimetic Surfaces

Corning PureCoat ECM mimetic surfaces contain biologically active, animal-free peptides that have been rationally designed to mimic the cell attachment process and motifs of native ECM proteins. The proprietary covalent linkage orients the peptides for optimal cell binding and signaling in a broad range of serum-free, xeno-free, and animal-free media formulations, supporting the propagation and differentiation of a range of stem, progenitor, and primary cell types.

There are two PureCoat ECM mimetic types:

- **Corning PureCoat ECM mimetic Fibronectin peptide** contains the RGD sequence motif and supports the attachment of cell types that require Fibronectin binding, including alpha-5 integrin-positive cells. It is a drop-in, compatible, animal-free alternative to natural animal or human ECM surfaces, such as natural human Fibronectin, for hMSC expansion and differentiation.
- **Corning PureCoat ECM mimetic Collagen I peptide** supports the attachment of Collagen I-dependent cell types including alpha 2 integrin-positive cells. It is a compatible, animal-free alternative to natural animal or human ECM surfaces, such as natural animal-derived Collagen I for human keratinocyte expansion.

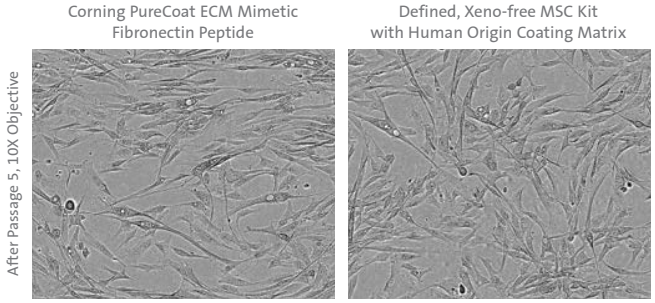
cGMP-compliant Manufacturing and Animal-free Traceability

Corning PureCoat surface cultureware products are class I medical devices (US only), manufactured in animal-free, cGMP compliant facilities that meet ISO 13485 and 21 CFR 820 standards using animal-free components. The animal-free nature of the surfaces helps mitigate variability and risk of contamination from adventitious organisms common to animal-sourced material.

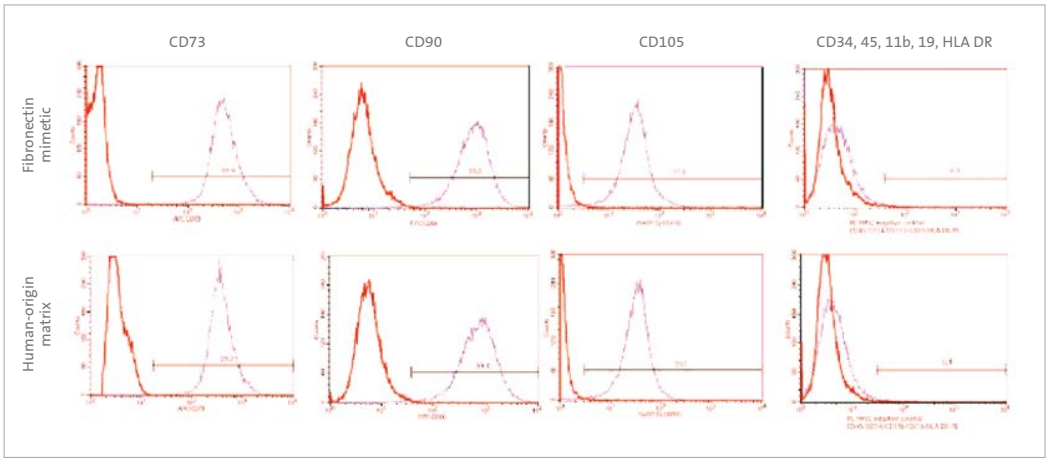
Scalable, Pre-coated Vessel Platforms

Corning PureCoat surfaces streamline the cell expansion workflow by removing the need for tedious, time consuming, and inconsistent self-coating protocols. Pre-coated Fibronectin and Collagen I cultureware offer simple and efficient scale-up, available on multi-layered vessels, such as the Falcon® Multi-Flask vessels.

Each Corning ECM mimetic vessel and surface configuration has been validated to ensure predictable cell culture performance during scale-up.



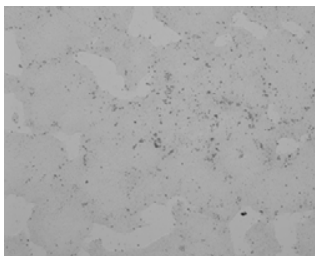
Comparable cell growth, morphology. Bone marrow-derived hMSCs cultured in a defined and xeno-free media on the Corning® PureCoat™ ECM mimetic Fibronectin peptide surface exhibit a tight and compact morphology and are comparable to the human origin matrix coating after 5 passages.



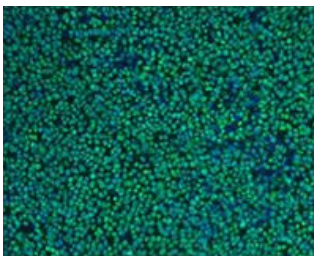
hMSCs cultured on Corning PureCoat ECM mimetic Fibronectin peptide displayed a cell surface marker profile characteristic of hMSCs. Data shows expression of CD73, CD90, CD105, and the absence of CD34, CD45, CD11b, CD19, and HLA-DR. Results were comparable to human ECM coating matrix.

Corning rLaminin-521 (Human)

Corning has partnered with BioLamina for the supply of recombinant human laminin-521. Corning rLaminin-521 (Human) is a heterotrimer composed of α5, β2, and γ1 chains expressed in a mammalian cell culture system. rLaminin-521 (Human) supports long-term self-renewal of human pluripotent stem cells (hPSC), including embryonic stem cells (hESC) and induced pluripotent stem cells (iPSC) in defined and xeno-free environments. rLaminin-521 provides additional benefits, including ROCK inhibitor independent single cell expansion of PSCs and inhibition of spontaneous differentiation, improving hPSC culture ease and efficiency.



hESC cultured on Corning rLaminin-521 (Human) in xeno-free medium exhibit characteristic colony morphology with a high nuclear-to-cytoplasm ratio.

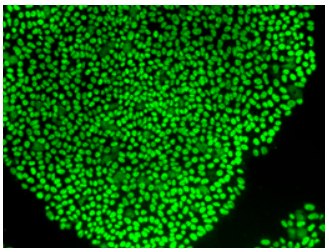


Immunocytochemistry data showing Oct-4 (green) expression in the cells. Nuclei were stained with DAPI (blue).

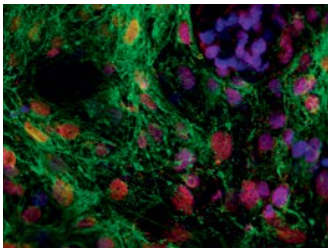
Corning® Synthemax™ II-SC Substrate

Corning Synthemax self-coating substrate is a unique, animal-free, synthetic Vitronectin-based peptide containing the RGD motif and flanking sequences. The synthetic peptides can be covalently bound to a polymer backbone for passive coating, orienting, and presenting the peptide for optimal cell binding and signaling.

The Synthemax substrate allows for scalable, multi-passage expansion of pluripotent stem cells in serum-free media, such as mTeSR®, subsequent to differentiation into a number of cell types, including retinal pigment epithelial cells and cardiomyocytes, as well as propagation of various progenitor cell types. The Synthemax substrate is manufactured in a cGMP compliant facility that meets ISO 9001 and 21 CFR 820 standards using animal-free components.



Oct-4 staining of hiPSC after 5 passages on Corning Synthemax II-SC Substrate in mTeSR1 medium.



Differentiation of H7 hESCs into cardiomyocytes on Corning Synthemax Surface. Confocal fluorescent image of beating structures immunostained for cardiomyocyte-specific markers: Nkx2.5 (red), α-actinin (green).

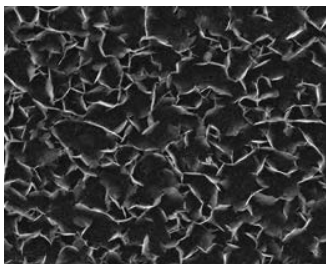
ECM Mimetic and Advanced Surfaces Products

	Corning PureCoat™ ECM Mimetic Fibronectin Peptide	Corning PureCoat ECM Mimetic Collagen I Peptide	Corning Synthemax Vitronectin Peptide	Corning rLaminin-521 (Human)
Application	Ready-to-use cultureware suitable as a replacement for natural, self-coated Fibronectin for adult stem, progenitor, and primary cell types in defined media environments	Ready-to-use cultureware suitable as a replacement for natural, self-coated Collagen I for adult stem, progenitor, and primary cell types in defined media environments	A flexible coating substrate for the culture of hPS, adult, and progenitor cell types in defined media environments	A robust, defined, xeno-free substrate enabling ROCK-independent, single cell passaging of pluripotent stem cells in defined media environments
Surface Technology	Covalently bound, synthetic peptide containing the RGD sequence and flanking Fibronectin sequences	Covalently bound, synthetic peptide containing the GFOGOR sequence and flanking Collagen I sequences	Passively self-coated, synthetic peptide acrylate polymer containing the RGD sequence and flanking Vitronectin sequences	Passively self-coated, full length recombinant Laminin protein
Cell Types and Environment	• Human mesenchymal stem cells (SF, XF, AF)* • Human adipose-derived stem cells (XF) • Human lung stromal cells (XF) • Human endothelial progenitors (XF) • Retinal pigment epithelial cells (XF)	• Human keratinocytes (XF, AF) • Human corneal cells (SF) • Human adipose-derived stem cells (XF) • Human endothelial progenitor cells (XF)	• Retinal pigment epithelial cells (XF) • Human pluripotent stem cells (SF) • Human neural progenitor cells (SF) • Human mesenchymal stem cells (SF, XF)	• Human pluripotent stem cells (SF, XF, AF) • Human neural progenitor cells (SF)
Shelf-life	18 months at room temperature	18 months at room temperature	24 months for self-coat peptide when stored at -20°C	Vialed product: 24 months when stored at -20°C.
Formats (Cat. No./ Description/ Qty.)	356240 | 6-well plate 356241 | 24-well plate 356242 | T-75 flask 356243 | T-175 flask	356270 | 6-well plate 356271 | 24-well plate 356272 | T-75 flask 356273 | T-175 flask	3535 | 10 mg	354221 | 100 µg 354222 | 10 x 100 µg 354223 | 10 x 500 µg 354224 | 500 µg
Pre-coated Options	Plates: 6-well and 24-well Flasks: T-75, T-175 Multi-layer Flasks: 3- and 5-layer	Plates: 6-well and 24-well Flasks: T-75, T-175 Multi-layer Flasks: 3- and 5-layer	Pre-coated on microcarriers Custom pre-coated vessels available	N/A

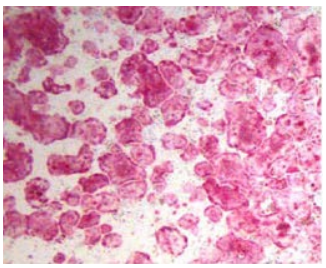
*SF = serum-free media, XF = xeno-free media, AF = animal-free media.

Corning® Osteo Assay Surface

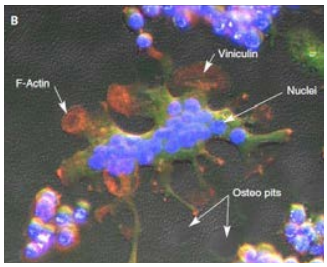
Corning Osteo assay surface is a ready-to-use synthetic surface made of an inorganic crystalline calcium phosphate coating that mimics native bone. The Osteo assay surface can be used for bone cell differentiation and functional analysis. This surface also offers a consistent and defined alternative to preparing dentine or bone slices, thereby reducing assay variability and resulting in more predictable assay readouts.



Scanning electron micrograph of the Corning Osteo assay calcium phosphate crystalline surface.



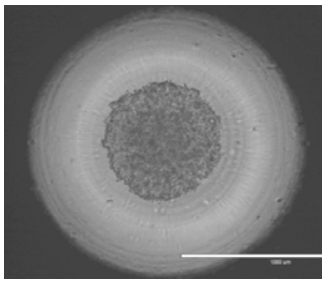
TRAP staining of differentiated human osteoclast precursor cells on the Corning Osteo assay surface.



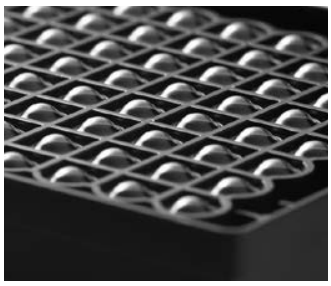
Differentiated osteoclasts derived from AW264.7 cells on Corning Osteo assay surface showing pit formation

Corning Ultra-Low Attachment Surface

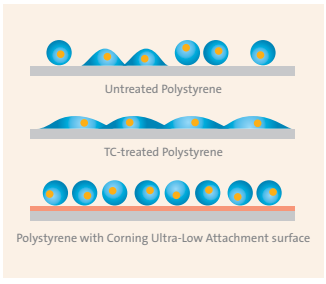
Corning Ultra-Low Attachment surface is a hydrophilic, neutrally charged hydrogel coating that is covalently bound to the polystyrene surface of a vessel. The hydrogel inhibits specific and nonspecific immobilization, which forces cells into a suspended state that enables 3D spheroid formation. The coating is stable, noncytotoxic, biologically inert, and non-degradable. The Ultra-Low Attachment surface is available in plates, dishes, flasks, and Corning CellSTACK® vessels, as well as 96-well and 384-well plates for high throughput spheroid screening applications.



Multicellular spheroid formation after a 24-hour culture of HT-29 cells in 384-well Spheroid microplate.



96-well and 384-well round bottom Ultra-Low Attachment microplates enable high-throughput fluorescent spheroid assay screening. The unique microplate underside design shields well-to-well cross-talk.



Schematic demonstrating Ultra-Low Attachment function

Other Advanced Surfaces Products

	Osteo Assay Surface	Ultra-Low Attachment
Application	Enables the direct assessment of osteoclast and osteoblast functionality, including bone remodeling and pit formation	Enables 3D spheroid formation, such as embryoid body and tumorsphere formation.
Surface Technology	Calcium Phosphate micro-crystalline scaffold	Covalently bound hydrophilic, non-ionic, neutrally charged hydrogel
Formats	Plates: 24-well, 96-well, Corning Stripwell™ microplate	Plates: 6-well, 24-well, 96-well flat (clear), 96-well round bottom (black/clear), 384-well flat bottom (black/clear), 384-well round bottom (black/clear). Dishes: 60 mm, 100 mm Flasks: T-25, T-75, Corning CellSTACK: 1-layer

Enhanced Tissue Culture-treated Surfaces

Corning Enhanced Tissue Culture (TC)-treated surfaces are a family of treatments that alter the surface charge of culture vessels, improving the attachment and growth of fastidious cell types, such as primary or transfected cell lines in low or serum-free environments. Enhanced surfaces are suitable for research, drug discovery, and high throughput screening applications.

Corning® PureCoat™ Amine and Carboxyl Surfaces

Corning PureCoat amine (positively charged) and carboxyl (negatively charged) surfaces provide improved cell attachment, faster cell proliferation, and enhanced recovery post-thaw over standard TC surfaces. These surfaces function with a broad range of primary, transfected, transformed, and fastidious cell types, and have demonstrated utility in serum-reduced or serum-free conditions.

Corning Primaria™ Surface

The Corning Primaria surface features a unique mixture of oxygen-containing (negatively charged) and nitrogen-containing (positively charged) functional groups on the polystyrene surface. The surface supports the growth of cells that can exhibit poor attachment or limited differentiation potential when cultured on traditional TC surfaces, including neuronal, primary, endothelial, and tumor cells. The surface consistency of each lot is confirmed by electron spectroscopy chemical analysis (ESCA).

Corning CellBIND® Surface

The Corning CellBIND surface features a net negative surface charge due to oxygen-containing functional groups incorporated in the polystyrene surface. The surface is more hydrophilic, and thus more wettable, compared to standard TC surfaces, which facilitates cell attachment and spreading.

Enhanced Surfaces Products

	Corning PureCoat Amine	Corning PureCoat Carboxyl	Corning Primaria	Corning CellBIND Surface
Surface Technology/ Charge	Vacuum-gas plasma amine group polymerization treatment. Positive charge.	Vacuum-gas plasma carboxyl group polymerization treatment. Negative charge.	Vacuum-gas plasma treatment. Positive/ negative and nitrogen functional groups.	Microwave plasma treatment. Negative net charge.
Formats	Falcon® vessels Plates: 6-well, 24-well, 96-well, 384-well, 1536-well Dishes: 100 mm Flasks: T-75, T-175	Falcon vessels Plates: 6-well, 24-well Dishes: 100 mm Flasks: T-75, T-175	Falcon vessels Plates: 6-well, 24-well, 96-well Dishes: 10 mm, 15 mm, 20 mm Flasks: T-25, T-75	Corning vessels Plates: 6-well, 12-well, 24-well, 48-well, 96-well, 384-well, 1536-well Dishes: 35 mm, 60 mm, 100 mm T-Flasks: T-25 and T-225 U-Flasks: 75 cm^2, 150 cm^2, 175 cm^2 Corning HYPER*Flask*® Corning CellSTACK® Corning HYPER*Stack*® Corning CellCube® Corning Microcarriers

Corning Surface Selection by Cell Type

Primary Cells

Primary Cells	Cell-Tak™	Collagen I	Collagen IV	Matrigel® Matrix	Fibronectin	Gelatin	Laminin	Osteopontin	Poly-Lysine (PDL, PLL)	PDL/LM and PLO/LM	PuraMatrix™ Peptide Hydrogel	Vitronectin	PureCoat™ ECM Mimetic Fn	PureCoat ECM Mimetic COL I	Synthemax™ II-SC Substrate	Ultra-Low Attachment	Osteo Assay	rLaminin-521 (Human)	Primaria™	CellBIND®	PureCoat Amine	PureCoat Carboxyl
	Extracellular Matrices (ECMs) and Biological Coatings												ECM Mimetics and Advanced Surfaces						Enhanced TC-treated Surfaces			
Aortic endothelial cells, BAEC		■		■	■		■					■										
Bile duct cells (epithelial)		■		■																		
Bone marrow cells (bone resorption, osteoclast)																	■					
Brain microvessel (endothelial)		■	■	■	■	■	■					■										
Cardiomyocytes; cardiac (endothelium, progenitor cells)		■		■	■		■		■		■								■			■
Colonocytes (epithelial)			■	■												■						
Dorsal root ganglia				■					■	■												
Embryonic cortical neurons				■						■												
Embryonic sympathetic neurons			■	■			■			■												
Endothelial cells; endothelial colony forming cells			■		■		■						■	■					■			
Erythrocyte culture (parasite development stages [asexual, sexual])	■			■																		
Hepatocytes		■	■	■			■		■		■								■	■		
Hippocampal neurons				■	■		■		■	■	■											
Human periodontium (periodontal ligament)	■																					
Human osteoclast precursors (osteoclast, pit formation)																	■					
HUVEC (endothelial)		■		■	■	■	■	■			■	■							■			
HVSMC				■			■					■										
Keratinocytes		■		■	■						■	■		■		■						
Mammary epithelial cells; breast cells (luminal, myoepithelial and endothelial)		■		■			■				■					■						
Microvascular, BME (endothelial)		■	■	■	■	■					■	■										
Mouse splenic T-cells	■		■	■																		
Muscle cells, myoblasts, myogenic cells, myotubes				■			■													■		
Neuronal cells (cortical, cerebellar granule, astrocytes, sensory, sympathetic)			■				■		■	■											■	
Oligodendrocytes (glial; precursors)				■			■		■			■										
Osteoblasts		■									■	■										
Pancreatic islet, neonatal (3- to 5-day-old) rat islets of langerhans	■			■	■											■					■	
Parotid acinar cells	■			■																		
Peripheral blood mononuclear cells		■	■	■	■							■				■	■					
Postnatal mouse vestibular ganglion neurons	■																					
Schwann cells (glial)			■	■			■				■											
Sertoli cells (spermogenic)	■			■																		
Skeletal muscle cells (myocytes, myotubes)				■															■	■		
Smooth muscle cells (endothelial, aortic, vascular)	■	■	■	■	■														■			
Urothelial cells		■	■	■	■																	
Valvular interstitial cells					■																	
Zygote and blastocyst development stages	■																					

Cell Lines (transformed or transfected)

Cell Lines	Cell-Tak™	Collagen I	Collagen IV	Matrigel® Matrix	Fibronectin	Gelatin	Laminin	Osteopontin	Poly-lysine (PDL, PLL)	PDL/LM and PLO/LM	PuraMatrix™ Peptide Hydrogel	Vitronectin	PureCoat™ ECM Mimetic Fn	PureCoat ECM Mimetic COL I	Synthemax™ II-SC Substrate	Ultra-Low Attachment	Osteo Assay	rLaminin-521 (Human)	Primaria™	CellBIND®	PureCoat Amine	PureCoat Carboxyl
	Extracellular Matrices (ECMs) and Biological Coatings												ECM Mimetics and Advanced Surfaces						Enhanced TC-treated Surfaces			
ARH-77 (lymphoblast)					■																	
BHK-21 (fibroblast)					■	■						■							■		■	
Breast cancer cells (established cell lines)	■			■					■													
C2C12 (myoblast)		■		■								■				■						
Cell immobilization (Gin-1, Nasal epithelial cells, Molt-4 and K562 human leukemia cells, Sf9 Cells)	■																					
Chinook Salmon Embryo Cells (CHSE-214)																				■		
CHO, CHO-1, CHO-K1 (epithelial, endothelial, transfected fusion protein)				■					■		■		■						■	■	■	
COS-7 (fibroblast, transfected)		■		■	■				■			■							■			
Dorsal Root Ganglia (transfected)				■								■										
H1299 (transfected-human non-small cell lung carcinoma cell line)				■	■																	
HEK-293 (transfected, epithelial), EcoPack2™-293, HEK-SRAtet cells, Living Colors HEK-ZsGreen proteasome sensor (transfected)	■	■		■		■			■		■					■			■	■	■	■
HeLa											■											■
HepG2 (hepatocyte), Hep3B (hepatoma)		■		■							■	■				■				■	■	■
HT-1080 (epithelial)		■	■	■												■						■
hFOB 1.19, MG63 (osteoblast cell lines)				■	■			■			■	■				■						
Human MOLT-4, drosophila S2 (biomaterial and tissue engineering applications)	■																					
Keratinocytes (human neonatal)		■			■									■								
L929 (fibroblast, transfected)				■				■			■											
LnCAP (prostate cancer cell line)		■		■												■				■		■
MCF7 (epithelial)		■	■		■							■				■						
MCF-10A (epithelial)		■		■	■		■			■	■	■				■						
MDA-MB-231		■	■	■	■	■	■		■			■				■						
MDA-MB 435		■		■								■										
MM41 (skeletal myoblasts, transfected)		■																				
MRC5																						■
N2AB-1 (neuroblastoma)	■																					
NIH/3T3, 3T3 (fibroblast)				■	■				■		■											
PC-3, PC-12		■		■			■		■	■	■								■	■	■	■
RTG-2 (rainbow trout gonad cells)				■																■		
RAW 264.7 (macrophage; osteoclast differentiation, pit formation)			■				■										■					
SH-SY5Y		■	■	■			■			■	■	■										
SK-MEL-28			■		■		■					■										
U266 (lymphoblast)					■																	
U937 (monocyte)		■					■					■				■						
Vero cells													■	■								

Stem and Progenitor Cell Expansion

Stem and Progenitor Cells	Cell-Tak™	Collagen I	Collagen IV	Matrigel® Matrix	Fibronectin	Gelatin	Laminin	Osteopontin	Poly-lysine (PDL, PLL)	PDL/LM and PLO/LM	PuraMatrix™ Peptide Hydrogel	Vitronectin	PureCoat™ ECM Mimetic Fn	PureCoat ECM Mimetic COL I	Synthemax™ II-SC Substrate	Ultra-Low Attachment	Osteo Assay	rLaminin-521 (Human)	Primaria™	CellBIND®	PureCoat Amine	PureCoat Carboxyl
	Extracellular Matrices (ECMs) and Biological Coatings												ECM Mimetics and Advanced Surfaces						Enhanced TC-treated Surfaces			
Human embryonic stem cell (hESC)			■	■	■		■					■			■	■		■		■		
Human induced pluripotent stem cell (hiPSC)				■											■			■				
hMSCs (bone marrow derived, adipose derived)					■			■				■	■		■					■		
Human retinal progenitor cells (RPE)					■										■							
rESC; rat endothelial progenitor cells						■						■				■						
Neuronal stem cell (intestinal/enteric)					■		■									■						

In Vitro Differentiation of Pluripotent Stem Cells

Stem Cells	Extracellular Matrices (ECMs) and Biological Coatings												ECM Mimetics and Advanced Surfaces						Enhanced TC-treated Surfaces			
hESC (cerebral organoid model)				■																		
hESC (pancreatic)				■		■																
hESC, hiPSC (cardiomyocytes)				■		■									■			■				
hESC, hiPSC, mESC (Germ Cell Layers: ectoderm, mesoderm, endoderm; hematopoietic progenitor; definitive differentiation; cardiomyocytes)		■	■	■	■	■	■					■			■	■		■				
hESC, hiPSC, mESC, miPSC (endothelial)	■	■		■			■															
hESC, hiPSC (intestinal organoids)				■												■						
hESC, hiPSC (neuronal)				■	■		■		■	■	■	■				■		■				
hESC (osteogenic)						■																
hESC, hiPSC (smooth muscle)				■	■		■		■			■										
hESC, mESC (lung epithelial)		■		■		■										■						
hESC, mESC, rESC (hepatocyte, hepatocyte-like)		■		■	■	■	■		■			■				■						
Human NPCs (differentiation to neuronal cells)				■			■				■							■				
hPSCs, mPSCs (renal progenitor cells, renal tubular cells, endoderm)		■		■												■						
mESC (hematopoietic)	■			■			■															
mESC, Chicken (cardiomyocytes)		■		■	■	■	■															
mESC, rESC, miPSC (neuronal, progenitor)				■	■	■	■		■		■					■						
mPSCs (inner ear sensory epithelia)				■																		
hESC, hiPSC (retinal pigment epithelial)				■											■							

In Vitro Differentiation of Adult Stem Cells

Stem Cells	Extracellular Matrices (ECMs) and Biological Coatings												ECM Mimetics and Advanced Surfaces						Enhanced TC-treated Surfaces			
	Cell-Tak™	Collagen I	Collagen IV	Matrigel® Matrix	Fibronectin	Gelatin	Laminin	Osteopontin	Poly-Lysine (PDL, PLL)	PDL/LM and PLO/LM	PuraMatrix™ Peptide Hydrogel	Vitronectin	PureCoat™ ECM Mimetic Fn	PureCoat ECM Mimetic COL I	Synthemax™ II-SC Substrate	Ultra-Low Attachment	Osteo Assay	rLaminin-521 (Human)	Primaria™	CellBIND®	PureCoat Amine	PureCoat Carboxyl
hADSCs; adipose (endothelial)				■												■						
Cardiac progenitor cells (cardiomyocyte)		■					■		■			■				■						
Colon (epithelial organoids)		■		■												■						
Hair follicle (melanocytes, neurons, smooth muscle)				■	■																	
Hepatic progenitor cells (hepatic, biliary cells)							■									■						
Intestinal (organoids, crypt-villus)		■		■																		
Keratinocytes (epidermal)		■				■																
Lung (sphere)				■												■						
Mammary epithelial cells				■												■						
MSC (cardiomyocyte, chondrocyte, hematopoietic, hepatocyte, neuron, osteocyte, spheroid)		■		■	■		■	■			■	■				■						
MSC (endothelial progenitors)		■									■					■						
Muscle (skeletal)							■															
Neural progenitor/stem cells (neuron, astrocytes, neuroblast)				■		■	■			■	■					■						
Pancreatic (endocrine)			■	■			■															
Prenatal rat cells (neuron, glial cells)							■															
Retinal (retinal neuron)											■											
Salivary gland				■																		
Stomach (gastric units)				■																		

3D Cell Culture Applications

Cell Types	Cell-Tak™	Collagen I	Collagen IV	Matrigel® Matrix	Fibronectin	Gelatin	Laminin	Osteopontin	Poly-lysine (PDL, PLL)	PDL/LM and PLO/LM	PuraMatrix™ Peptide Hydrogel	Vitronectin	PureCoat™ ECM Mimetic Fn	PureCoat ECM Mimetic COL I	Synthemax™ II-SC Substrate	Ultra-Low Attachment	Osteo Assay	rLaminin-521 (Human)	Primaria™	CellBIND®	PureCoat Amine	PureCoat Carboxyl
	Extracellular Matrices (ECMs) and Biological Coatings												ECM Mimetics and Advanced Surfaces						Enhanced TC-treated Surfaces			
4T1 (mouse breast cancer cell line)				■																		
Cardiac fibroblast		■																				
Hep3B (hepatoma; toxicity/drug screening)		■																				
MCF-7 (epithelial)		■														■						
MCF-10A (epithelial)		■		■							■					■						
MDA-MB-231		■		■												■						
MDA-MB-361				■																		
HeLa				■												■						
HT-1080 (epithelial)		■		■												■						
hESC, Rat (endothelium)		■		■							■					■						
Human melanoma cell lines SBCL2 (RGP), WM-115, (VGP) and 451-LU (MM) and keratinocytes (spheroid model)		■																				
Mouse embryonic pancreatic progenitors (organoid)				■																		
MSCs, Ovarian cancer cells (OCC)				■												■						
Primary rat hepatocytes				■							■											
Rat hepatocyte progenitor cells (spheroid)											■											
SK-MEL-28 cells				■																		
MEFs (stromal fibroblast)				■																		
U266 (lymphoblast)				■																		

The data in this surface selection guide has been derived from published papers accessed through NCBI database, as well as various web references. This guide will be periodically updated as additional literature becomes available.

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