Проницаемые опоры
Технические характеристики

По вопросам продаж и поддержки обращайтесь:

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Астрахань (8512)99-46-04
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Falcon® Cell Culture Inserts

- Track-etched PET membranes have a smooth surface and defined cylindrical pores that traverse the membrane
- Low protein binding PET membrane
- Sterilized by gamma irradiation
- A wide variety of configurations including 6, 12, and 24 well
- A broad selection of membrane pore sizes, 0.4, 1.0, 3.0, and 8.0 µm diameter
- Packed in individual blister packs, 48 inserts/case
- Non-Tissue Culture-treated insert housings prevent promiscuous growth of cells on the insert walls
- Innovative hanging design facilitates pipetting and allows for co-culture

Membrane Type

Transparent

High Density Translucent

Pore Size

0.4 µm

1 µm

3 µm

8 µm

Well Number

6-well

12-well

24-well

Products

Product Number	353090
Product Name	Falcon® Permeable Support for 6-well Plate with 0.4 µm Transparent PET Membrane, Sterile, 1/Pack, 48/Case
Qty./Pk	1 / Pk
Qty./Cs	48 / Cs
Product Number	353091
Product Name	Falcon® Permeable Support for 6-well Plate with 3.0 µm Transparent PET Membrane, Sterile, 1/Pack, 48/Case
Qty./Pk	1 / Pk
Qty./Cs	48 / Cs
Product Number	353092
Product Name	Falcon® Permeable Support for 6-well Plate with 3.0 µm Translucent High Density PET Membrane, Sterile, 1/Pack, 48/Case
Qty./Pk	1 / Pk
Qty./Cs	48 / Cs
Product Number	353093
Product Name	Falcon® Permeable Support for 6-well Plate with 8.0 µm Transparent PET Membrane, Sterile, 1/Pack, 48/Case
Qty./Pk	1 / Pk
Qty./Cs	48 / Cs
Product Number	353095
Product Name	Falcon® Permeable Support for 24-well Plate with 0.4 µm Transparent PET Membrane, Sterile, 1/Pack, 48/Case
Qty./Pk	1 / Pk
Qty./Cs	48 / Cs

Product Number	353096
Product Name	Falcon® Permeable Support for 24-well Plate with 3.0 µm Transparent PET Membrane, Sterile, 1/Pack, 48/Case
Qty./Pk	1 / Pk
Qty./Cs	48 / Cs
Product Number	353097
Product Name	Falcon® Permeable Support for 24-well Plate with 8.0 µm Transparent PET Membrane, Sterile, 1/Pack, 48/Case
Qty./Pk	1 / Pk
Qty./Cs	48 / Cs
Product Number	353102
Product Name	Falcon® Permeable Support for 6-well Plate with 1.0 µm Transparent PET Membrane, Sterile, 1/Pack, 48/Case
Qty./Pk	1 / Pk
Qty./Cs	48 / Cs
Product Number	353103
Product Name	Falcon® Permeable Support for 12-well Plate with 1.0 µm Transparent PET Membrane, Sterile, 1/Pack, 48/Case
Qty./Pk	1 / Pk
Qty./Cs	48 / Cs
Product Number	353104
Product Name	Falcon® Permeable Support for 24-well Plate with 1.0 µm Transparent PET Membrane, Sterile, 1/Pack, 48/Case
Qty./Pk	1 / Pk
Qty./Cs	48 / Cs

Falcon® Cell Culture Insert Companion Plates

Falcon Cell Culture Insert Companion Plates have been specially designed for use with Falcon or Corning® BioCoat™ Cell Culture Inserts so evaporation and contamination due to improper lid fit is eliminated.

In the Feeding Position, pipet access is improved for fluid handling on the basolateral side. Reagents can be added quickly and consistently for timed experiments. Aspiration of media from the well is easier, reducing the risk of contamination.

In the Incubation Position, Falcon Cell Culture Inserts remain locked in position in their Falcon Companion Plate wells. Media will not wick up between the insert and well wall. The unique Falcon low-evaporation lid provides a tortuous air passage system that reduces evaporation and contamination.

Well Type

Regular
Deep

Well Number

6-well
12-well
24-well

Products

Product Number	353502
Product Name	Falcon® 6-well TC-treated Polystyrene Permeable Support Companion Plate, with Lid, Sterile, 1/Pack, 50/Case
Qty./Pk	1 / Pk
Qty./Cs	50 / Cs

Product Number	353503
Product Name	Falcon® 12-well TC-treated Polystyrene Permeable Support Companion Plate, with Lid, Sterile, 1/Pack, 50/Case
Qty./Pk	1 / Pk
Qty./Cs	50 / Cs
Product Number	353504
Product Name	Falcon® 24-well TC-treated Cell Polystyrene Permeable Support Companion Plate, with Lid, Sterile, 1/Pack, 50/Case
Qty./Pk	1 / Pk
Qty./Cs	50 / Cs
Product Number	355467
Product Name	Falcon® 6-well Deep Well TC-treated Polystyrene Plate, 1/Pack, 4/Case
Qty./Pk	1 / Pk
Qty./Cs	4 / Cs

Falcon® 24-well Insert Systems, PET Membrane

Falcon 24 Multiwell Insert Systems are designed to automate many commonly used cell-based assays for drug discovery. Available in a choice of membrane pore sizes, 24 Multiwell inserts have been successfully used for a variety of applications including permeability studies for oral bioavailability (e.g., Caco-2 cells), chemotaxis, cell migration and invasion assays. These insert systems offer all the benefits of Falcon Individual Cell Culture Inserts in an automation-friendly format that is compatible with most robots and fluid handlers. The Falcon 24 Multiwell Insert Plate is a single unit that is compatible with all Falcon 24 well plates and Feeder Tray.

Pore Size

1 µm

3 µm

8 µm

Qty/Pk

5/Pk

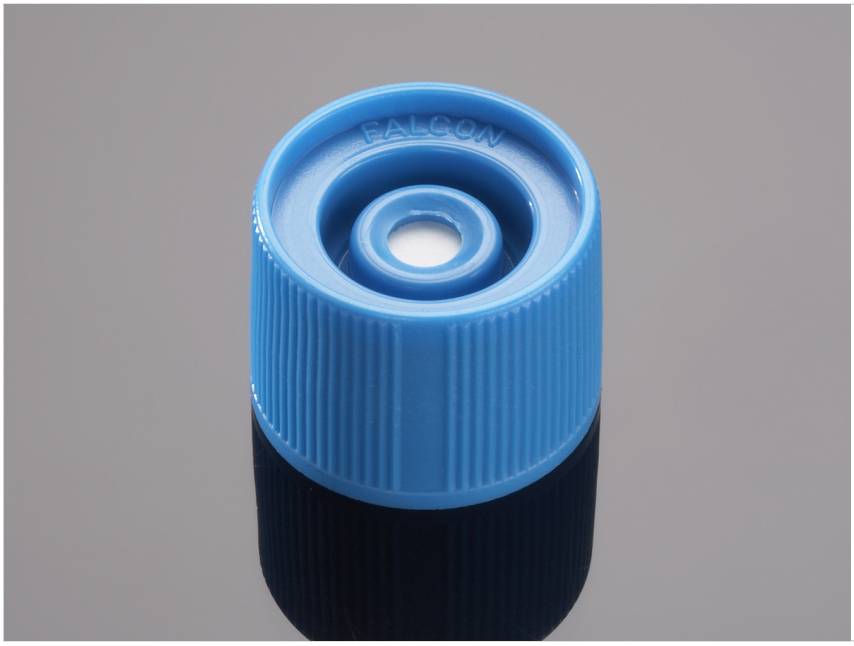
Products

Product Number	351181
Product Name	Falcon® 24-well Multiwell Insert System with 1.0 µm Pore High Density PET Membrane, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs

Product Number	351183
Product Name	Falcon® HTS 24-well Multiwell Permeable Support System with 3.0 µm High Density PET Membrane, Sterile, 5/Pack, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs

Product Number	351185
Product Name	Falcon® HTS 24-well Multiwell Permeable Support System with 8.0 µm High Density PET Membrane, Sterile, 5/Pack, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs

Falcon® Flask Vented Caps



- Ensure consistent gas exchange and minimize contamination
- Polyethylene caps with an integral, hydrophobic 0.2 µm microporous membrane filter vent allow consistent gas exchange when the caps are in the closed position.
- Gases required or cell growth and metabolism pass freely through the vent while microorganisms cannot. Falcon vented caps will not wet out.
- Vented caps minimize contamination associated with standard open incubation. The vented caps prevent media that can become trapped in a partially opened cap from blocking gas exchange. The caps will not fall off in the incubator because of vibration.

Surface Area

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

Products

Product Number	354637
Product Name	Vented Screw Cap for Falcon® 25cm² Flasks, Sterile, 20/Pack, 100/Case
Qty./Pk	20 / Pk
Qty./Cs	100 / Cs
Product Number	354638
Product Name	Vented Screw Cap for Falcon® 75cm² Flasks, with 28 mm Cap, Sterile, 10/Pack, 100/Case
Qty./Pk	10 / Pk
Qty./Cs	100 / Cs

Product Number	354639
Product Name	Vented Screw Cap for Falcon® 175cm² Flasks, Bulk, Sterile, 50/Case
Qty./Pk	10 / Pk
Qty./Cs	50 / Cs

Falcon® 96 Square Well Angled Bottom Not Treated Multiwell Insert System, with Lid, Sterile, 5/Case

Product Number 353925

Falcon® 96 Square Well Angled Bottom Multiwell Insert System, with lid, sterile, 5/case, Non-TC-treated polystyrene, nonpyrogenic. The Falcon 96 Multiwell Insert System is a cell culture insert platform suitable for both manual and robotic screening of compounds in cell-based assays.

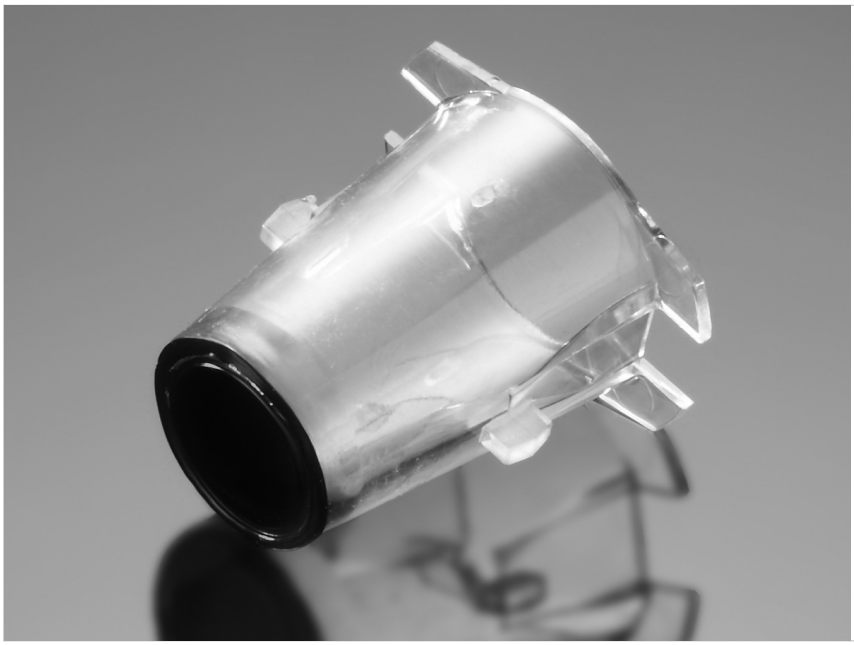
- Storage: Store at room temperature, away from direct sunlight.
- Automation compatible design
- Format compatible with most robots and fluid handling instruments
- Complete sample recovery
- The Falcon 96 Square Well, Angled-Bottom Plate features an angled bottom for more complete sample utilization
- Excellent reproducibility
- One-piece feeder tray enhances consistency in well-to-well monolayer growth
- Total assay flexibility—ideal for transport studies
- System can be used with many cell lines including Caco-2, MDCK, and LLC-PK1, for basal to apical or apical to basal measurements of drug transport

Details

Product Number	353925
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Brand	Falcon®

Corning® BioCoat® FluoroBlok™ Fibronectin Inserts with 3.0 µm PET Membrane in two 24-well Plates, 12/Pack, 24/Case

Product Number 354597



Packaged 12 inserts in a 24 well plate, 2 plates per case

Corning BioCoat™ cell culture inserts are pre-coated with extracellular matrix proteins for applications requiring a protein-coated cell surface, such as cell adhesion, growth, invasion, migration and/or differentiation.

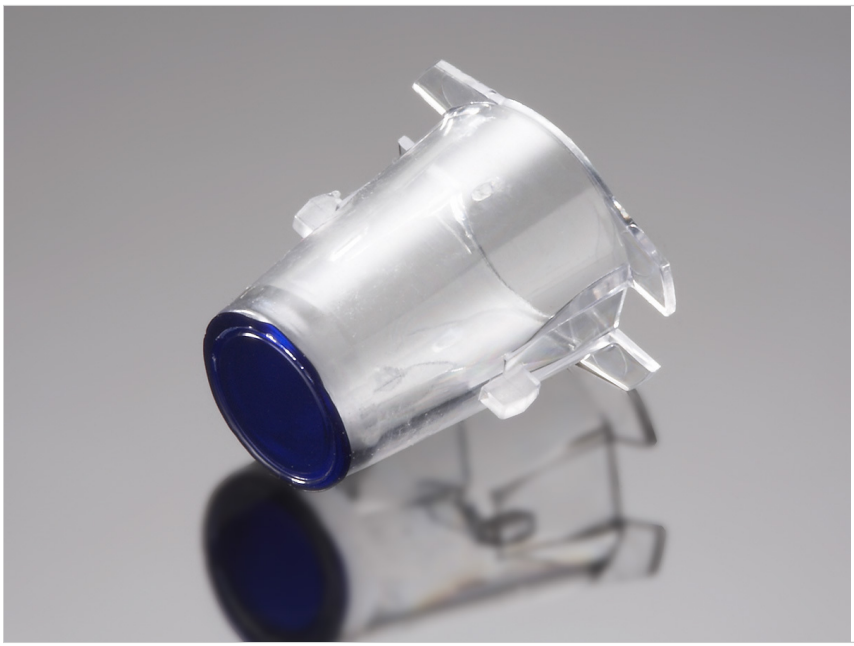
- Available as convenient, individual inserts are packaged in ready-to-use 24-well plates and as a one-piece, automation friendly 24-Multiwell format (clear PET membrane only)
- Combined benefits of Falcon® inserts coated with HFN for enhanced cell attachment and growth
- Individual inserts contains a 3.0 µm pore size PET or Corning® FluoroBlok PET membrane

Storage: Store at 2-8°C, away from direct sunlight, do not freeze.; Shelf life: At least 3 months from date of shipment

Details

Qty./Pk	12 / Pk
Qty./Cs	24 / Cs
Cell Growth Area	4.2 cm^2
Membrane Material	Polyethylene terephthalate (PET)
Membrane Pore Size	3 µm
Membrane Diameter	6.4 mm
Packaging Format	12 Inserts/Plate/Pk, 2 Plates/Cs

Corning® FluoroBlok™ 24-Multiwell Insert Systems, PET Membrane



Detect cell migration and invasion in a homogeneous fluorescent assay system

Corning FluoroBlok Cell Culture Inserts are designed with a unique light-tight PET membrane that efficiently blocks the transmission of light within the range of 400-700 nm. Fluorescently labeled cells present in the top chamber of the insert are made invisible by the Corning FluoroBlok membrane. Once labeled cells migrate through the membrane, they are no longer shielded from the light source and are easily detected with a fluorescence plate reader.

- Simplify insert-based assays—Unique, light-tight PET membrane makes it easy to specifically detect fluorescently labeled cells and molecules below the insert.
- Increase insert assay productivity—Save time and labor in chemotaxis, cell migration, and invasion assays by automating your assay detection with real-time fluorescence.
- Eliminate cell culture insert manipulation—Get rapid data collection using a fluorescence microplate reader or microscope without the need for plate washing or tedious, manual cell scraping and counting. Chart migration of cells and molecules in real time without dismantling or destroying the insert.

Pore Size

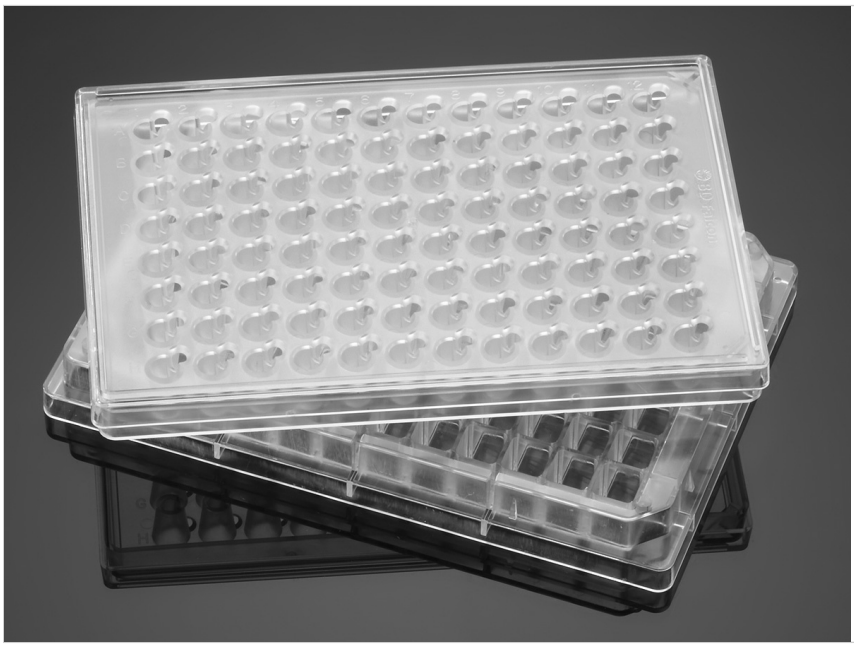
3 µm
8 µm

Products

Product Number	351151
Product Name	Corning® FluoroBlok™ 24-well Plate Permeable Support with 3.0 µm Colored PET Membrane, Sterile, 1/Pack, 48/Case
Qty./Pk	1 / Pk
Qty./Cs	48 / Cs

Product Number	351152
Product Name	Corning® FluoroBlok™ 24-well Plate Permeable Support with 8.0 µm Colored PET Membrane, Sterile, 1/Pack, 48/Case
Qty./Pk	8 / Pk
Qty./Cs	48 / Cs

Corning® FluoroBlok™ 96-Multiwell Insert Systems, PET Membrane



- A solution for automated, high throughput cell-based studies of chemotaxis, migration and invasion
- Increase cell migration and invasion assay productivity with simplified fluorescence detection and real-time analysis
- Simplification of chemotaxis, cell migration, and invasion assays
- Standard technology platform allows multiple protocols
- Homogeneous protocols for real-time kinetic readouts
- Real-time detection without dismantling or destroying the insert
- Increased sample throughput
- Eliminates need for manual cell scraping and counting
- Automation friendly
- 96 Multiwell format is compatible with commercial detectors and fluid handling instruments
- Unique fluorescence blocking membrane
- Blocks greater than 99% of the excitation and emission wavelengths of fluorophores commonly used to label cells

The Corning FluoroBlok 96 Multiwell Insert System is a cell culture assay platform designed with automation in mind. The one-piece insert housing and fluorescence blocking microporous membrane (available in 3.0 and 8.0 µm pore sizes) enables increased efficiency, productivity and throughput in the drug discovery process. The novel receiver plate design minimizes crosstalk between the wells; the black housing of the 96 Multiwell Insert virtually eliminates autofluorescence. These features ensure fluorescence measurements that result from your assay, not crosstalk or background signal.

Pore Size

3 µm
8 µm

Qty/Pk

1/Pk
5/Pk

Products

Product Number	351161
Product Name	Corning® FluoroBlok™ HTS 96-well Multiwell Permeable Support System with 3.0 µm High Density PET Membrane, Sterile, 1/Case
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	351162
Product Name	Corning® FluoroBlok™ HTS 96-well Multiwell Permeable Support System with 3.0 µm High Density PET Membrane, Sterile, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	351163
Product Name	Corning® FluoroBlok™ HTS 96-well Multiwell Permeable Support System with 8.0 µm High Density PET Membrane, Sterile, 1/Case
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	351164
Product Name	Corning® FluoroBlok™ HTS 96-well Multiwell Permeable Support System with 8.0 µm High Density PET Membrane, Sterile, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs

Corning® FluoroBlok™ 24-Multiwell Insert Systems, PET Membrane

The Corning FluoroBlok Insert System is made with a unique light-tight PET membrane that effectively blocks the transmission of light from 400-700 nm. Fluorescence from labeled cells or compounds present in the top chamber of the insert system is blocked from detection in the bottom chamber by the intervening dyed membrane. Once fluorescently labeled cells or compounds pass through the membrane, they are no longer shielded from the light source and are easily detected with a bottom-reading fluorescence plate reader. The wide blocking range of the Corning FluoroBlok membrane allows the flexibility to choose a variety of fluorophores for chemotaxis, cell migration, tumor cell or bacterial invasion, leukocyte extravasation, cell signaling, toxicity and permeability studies for oral bioavailability and absorption assays (e.g., Caco-2 cells).

- Save time and labor using automated fluorescence detection
- Eliminate cell insert manipulation—get rapid data collection without the need for plate washing or manual cell scraping and counting. Chart migration of cells and molecules in realtime without dismantling or destroying the insert
- Increase sample throughput—automate many commonly used membrane-based cell assays and increase the efficiency, productivity and throughput of these assays in the drug discovery process
- Handle 24 inserts simultaneously—all 24 wells are part of a single unit that is compatible with Falcon 24 well Plates and Feeder Tray
- Each insert has a generous, automation-compatible sampling port. When used with Falcon 24 well plates, users can sample above and below the membrane with standard 200 µL or 1000 µL pipet tips or automated fluid handler tips.

Pore Size

3 µm
8 µm

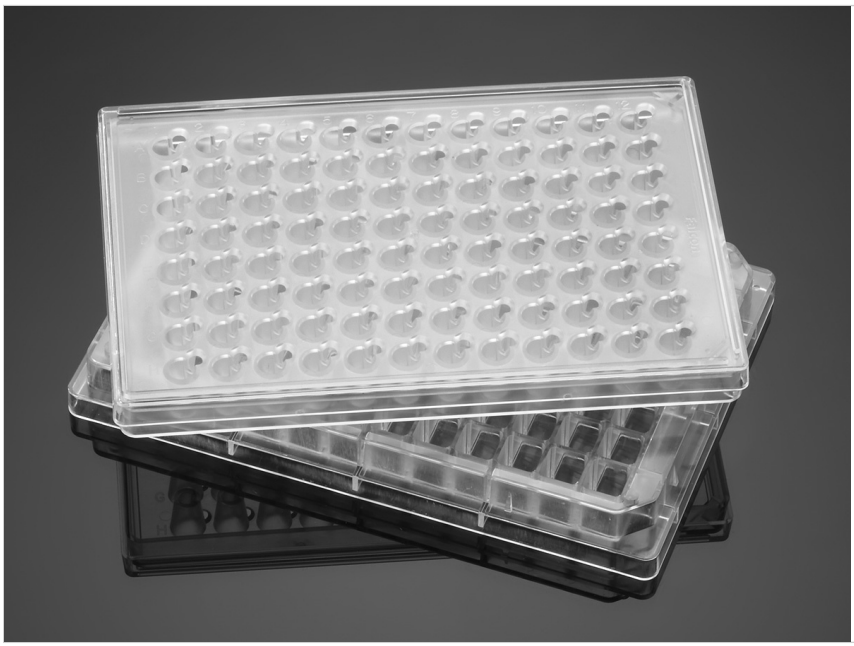
Qty/Pk

1/Pk
5/Pk

Products

Product Number	351155
Product Name	Corning® FluoroBlok™ HTS 24-well Multiwell Permeable Support System with 3.0 µm High Density PET Membrane, Sterile, 1/Case
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	351156
Product Name	Corning® FluoroBlok™ HTS 24-well Multiwell Permeable Support System with 3.0 µm High Density PET Membrane, Sterile, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	351157
Product Name	Corning® FluoroBlok™ HTS 24-well Multiwell Permeable Support System with 8.0 µm High Density PET Membrane, Sterile, 1/Case
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	351158
Product Name	Corning® FluoroBlok™ HTS 24-well Multiwell Permeable Support System with 8.0 µm High Density PET Membrane, Sterile, 5/Case
Qty./Pk	5 / 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

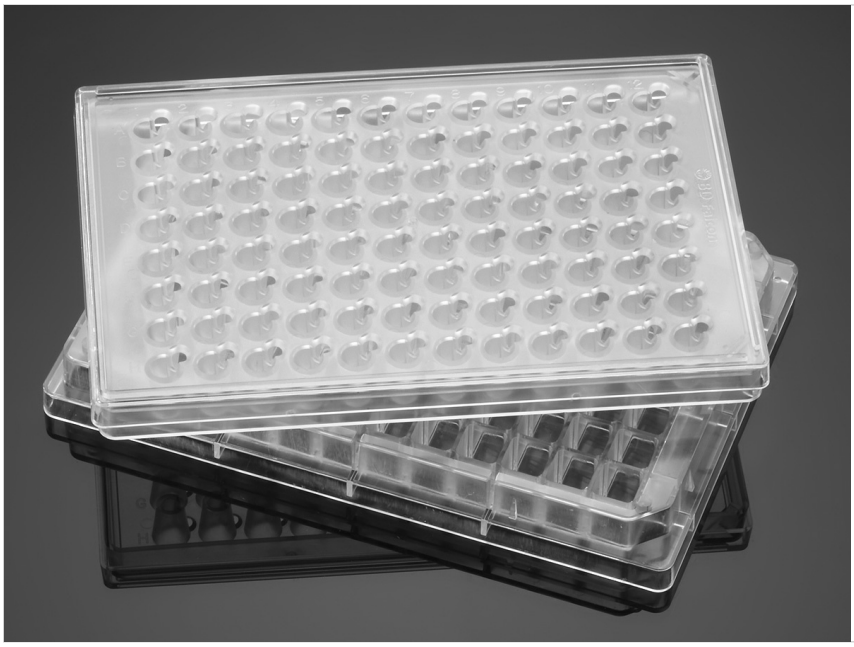
1/Cs
5/Cs

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® BioCoat® (Fibronectin) Angiogenesis Systems: Endothelial Cell Migration, 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 automated, high throughput drug transport (Caco-2 cells) cell toxicity studies or cell migration and invasion studies.

Corning BioCoat HTS Caco-2 Assay System, PET Membrane Contains specially formulated serum-free medium, culture supplements, sodium butyrate, and the Corning BioCoat Fibrillar Collagen 24-well insert system

Diameter

3.2 mm

6.4 mm

Qty/Pk

5/Pk

Products

Product Number	354144
Product Name	Corning® BioCoat® Fibronectin HTS 24-well Multiwell Angiogenesis System with 3.0 µm Membrane, 5/Pack, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs

Product Number	354148
Product Name	Corning® BioCoat® Fibronectin HTS 96-well Multiwell Angiogenesis System with 3.0 µm Membrane, 5/Pack, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs

Corning® BioCoat® (Matrigel® matrix) Angiogenesis Systems: Endothelial Cell Invasion, 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 automated, high throughput drug transport (Caco-2 cells) cell toxicity studies or cell migration and invasion studies.

Corning BioCoat HTS Caco-2 Assay System, PET Membrane Contains specially formulated serum-free medium, culture supplements, sodium butyrate, and the Corning BioCoat Fibrillar Collagen 24-well insert system

Qty/Pk

5/Pk

Products

Product Number	354142
Product Name	Corning® BioCoat® HTS 24-well Multiwell Angiogenesis System for Endothelial Cell Invasion, 5/Pack, 5/Case
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs

Corning® Fluorescent Dye

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

Size

50 µg

1 mg

100 mg

Type

Corning DiIC12(3) Fluorescent Dye

Calcein AM Fluorescent Dye

Calcein AM Fluorescent Dye Size

Products

Product Number	354216
Product Name	Corning® Calcein AM Fluorescent Dye, 500µg, 10x50µg
Qty./Pk	1 / Pk
Qty./Cs	1 / Ea

Product Number	354217
Product Name	Corning® Calcein AM Fluorescent Dye, 1 mg
Qty./Pk	1 / Pk
Qty./Cs	1 / Ea
Product Number	354218
Product Name	Corning® DiIC12(3) Fluorescent Dye, 100 mg
Qty./Pk	1 / Pk
Qty./Cs	1 / Ea

Corning® Cap Inserts for Cryogenic Vials

- Cap inserts provide color coding for easy sample identification.
- Inserts are packaged in resealable bags.
- Nonsterile
- Cap inserts fit all Corning® cryogenic vials.

Color

Assorted
Blue
Green
Red
White

Products

Product Number	2015
Product Name	Corning® White Polypropylene Cryogenic Vial Cap Inserts
Qty./Pk	50 / Pk
Qty./Cs	500 / Cs

Product Number	2016
Product Name	Corning® Blue Polypropylene Cryogenic Vial Cap Inserts
Qty./Pk	50 / Pk
Qty./Cs	500 / Cs
Product Number	2017
Product Name	Corning® Red Polypropylene Cryogenic Vial Cap Inserts
Qty./Pk	50 / Pk
Qty./Cs	500 / Cs
Product Number	2018
Product Name	Corning® Green Polypropylene Cryogenic Vial Cap Inserts
Qty./Pk	50 / Pk
Qty./Cs	500 / Cs
Product Number	2019
Product Name	Corning® Yellow Polypropylene Cryogenic Vial Cap Inserts
Qty./Pk	50 / Pk
Qty./Cs	500 / Cs
Product Number	430499
Product Name	Corning® Assorted Polypropylene Cryogenic Vial Cap Inserts
Qty./Pk	50 / Pk
Qty./Cs	500 / Cs

Corning® BioCoat® Poly-D-Lysine, 20 mg

Product Number 354210

Corning® Poly-D-Lysine, 20mg, is used to culture a wide variety of cell types, particularly neurons, glial cells, and transfected cells.

Source

Synthetic

Quality

- Shown to promote cell attachment and spreading of rat cerebellar granule cells
- Found negative for bacteria, fungi, and mycoplasma

Molecular Weight

500-550 kD

Preparation and Storage

Stable for three months at 2° to 8°C (lyophilized) or three months at -20°C (solubilized

Handling

Recommended concentration: 2.5-5 µg/cm² of growth surface depending on cell type

Formulation

Lyophilized from aqueous solution; reconstitute in dH20

Details

Product Number	354210
Qty./Pk	1 / Pk
Qty./Cs	1 / Ea
Brand	Corning®
Size	20 mg

Corning® BioCoat® Fibronectin-coated Culture Slides

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

4-well
8-well

Products

Product Number	354559
Product Name	Corning® BioCoat® Fibronectin 4-well Culture Slide, 3/Pack, 12/Case
Qty./Pk	3 / Pk
Qty./Cs	12 / Cs

Product Number	354631
Product Name	Corning® BioCoat® Fibronectin 8-well Culture Slide, 3/Pack, 12/Case
Qty./Pk	3 / Pk
Qty./Cs	12 / Cs

Corning® BioCoat® Pre-coated PAMPA Plate System, with Lid, 1/Pack, 5/Case

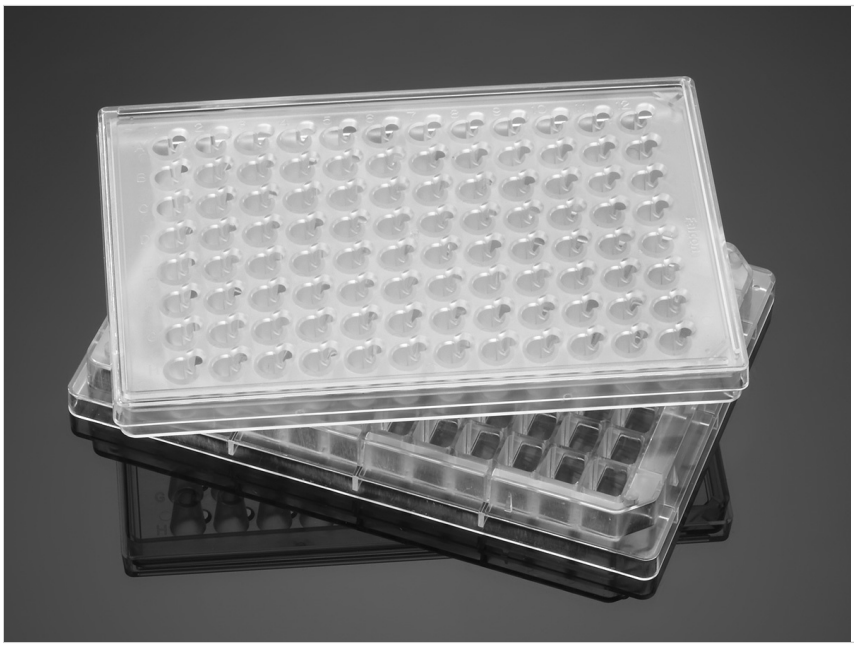
Product Number 353015

A 96-well insert system with a filter plate pre-coated with structured layers of phospholipids

Details

Product Number	353015
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Brand	Corning®

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® BioCoat® Collagen I-coated Culture Slides

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.

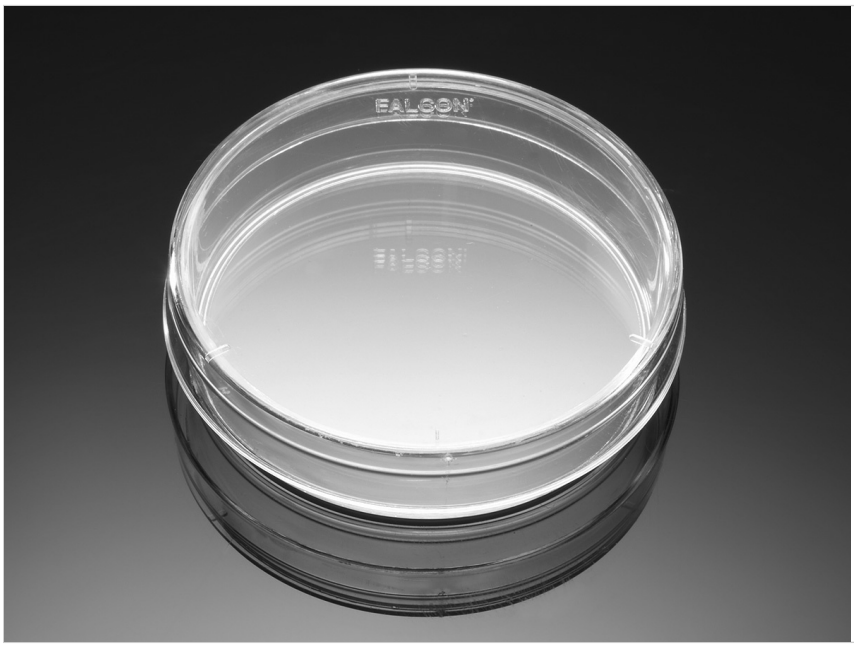
Well Number

4-well
8-well

Products

Product Number	354557
Product Name	Corning® BioCoat® Collagen I 4-well Culture Slide, 3/Pack, 12/Case
Qty./Pk	3 / Pk
Qty./Cs	12 / Cs
Product Number	354630
Product Name	Corning® BioCoat® Collagen I 8-well Culture Slide, 3/Pack, 12/Case
Qty./Pk	3 / Pk
Qty./Cs	12 / Cs

Corning® BioCoat® Fibronectin-coated Culture Dishes



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.

Diameter

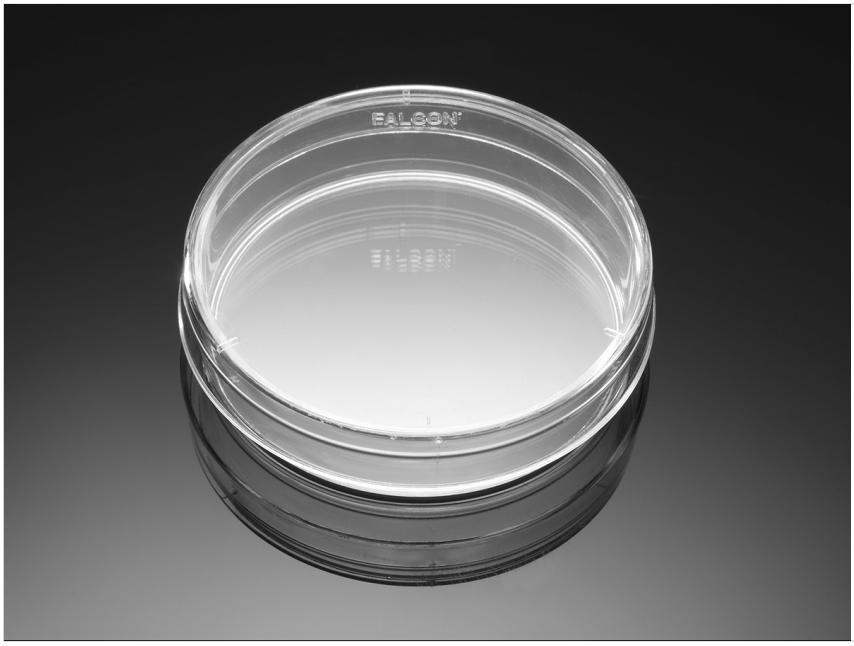
60 mm
100 mm

Products

Product Number	354403
Product Name	Corning® BioCoat® Fibronectin 60 mm TC-treated Culture Dishes, 5/Pack, 20/Case
Qty./Pk	5 / Pk
Qty./Cs	20 / Cs

Product Number	354451
Product Name	Corning® BioCoat® Fibronectin 100 mm TC-treated Culture Dishes, 5/Pack, 10/Case
Qty./Pk	5 / Pk
Qty./Cs	10 / Cs

Corning® BioCoat® Laminin Culture Dishes



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.

Diameter

60 mm

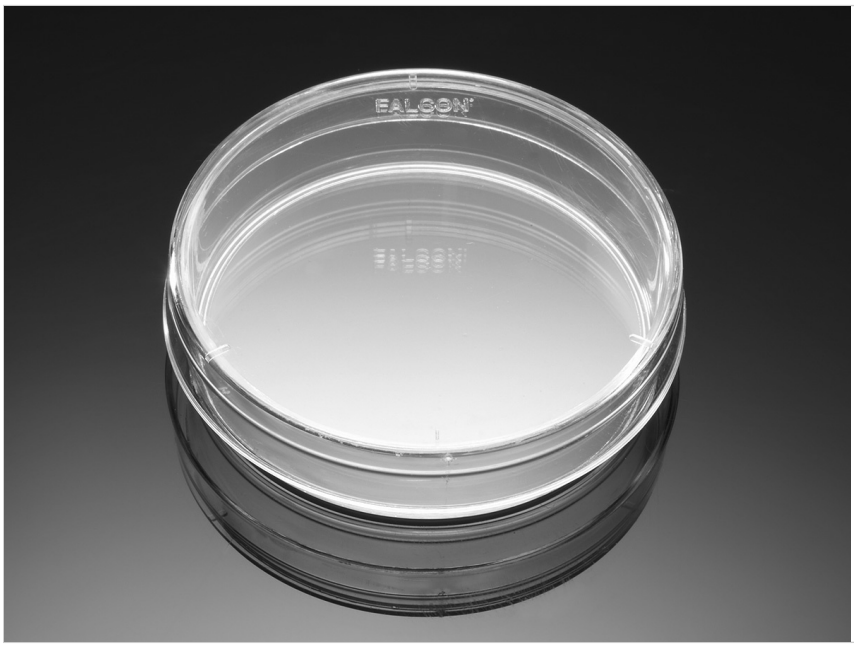
100 mm

Products

Product Number	354405
Product Name	Corning® BioCoat® Laminin 60 mm TC-treated Culture Dishes, 5/Pack, 20/Case
Qty./Pk	5 / Pk
Qty./Cs	20 / Cs

Product Number	354452
Product Name	Corning® BioCoat® Laminin 100 mm TC-treated Culture Dishes, 5/Pack, 10/Case
Qty./Pk	5 / Pk
Qty./Cs	10 / Cs

Corning® BioCoat® Poly-L-Lysine-coated Culture Dishes



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

20/Cs
100/Cs

Diameter

35 mm
60 mm

Products

Product Number	354517
Product Name	Corning® BioCoat® Poly-L-Lysine 60 mm Culture Dishes, 20/Pack, 20/Case
Qty./Pk	20 / Pk
Qty./Cs	20 / Cs
Product Number	354518
Product Name	Corning® BioCoat® Poly-L-Lysine 35 mm TC-treated Culture Dishes, 20/Pack, 20/Case,
Qty./Pk	20 / Pk
Qty./Cs	20 / Cs
Product Number	356517
Product Name	Corning® BioCoat® Poly-L-Lysine 60 mm TC-treated Culture Dishes, 20/Pack, 100/Case
Qty./Pk	20 / Pk
Qty./Cs	100 / Cs
Product Number	356518
Product Name	Corning® BioCoat® Poly-L-Lysine 35 mm TC-treated Culture Dishes, 20/Pack, 100/Case
Qty./Pk	20 / Pk
Qty./Cs	100 / Cs

Corning® BioCoat® Poly-D-Lysine Culture Slides

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.

Well Number

4-well
8-well

Products

Product Number	354577
Product Name	Corning® BioCoat® Poly-D-Lysine 4-well Culture Slide, 3/Pack, 12/Case
Qty./Pk	3 / Pk
Qty./Cs	12 / Cs
Product Number	354632
Product Name	Corning® BioCoat® Poly-D-Lysine 8-well Culture Slide, 3/Pack, 12/Case
Qty./Pk	3 / Pk
Qty./Cs	12 / Cs

Corning® BioCoat® Gelatin Culture Dishes

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

10/Cs
40/Cs

Products

Product Number	354653
Product Name	Corning® BioCoat® Gelatin 100 mm TC-treated Culture Dishes, 10/Pack, 10/Case
Qty./Pk	10 / Pk
Qty./Cs	10 / Cs

Product Number	356653
Product Name	Corning® BioCoat® Gelatin 100 mm TC-treated Culture Dishes, 10/Pack, 40/Case
Qty./Pk	10 / Pk
Qty./Cs	40 / Cs

Corning® BioCoat® HTS Caco-2 Assay System, 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 automated, high throughput drug transport (Caco-2 cells) cell toxicity studies or cell migration and invasion studies.

Corning BioCoat HTS Caco-2 Assay System, PET Membrane Contains specially formulated serum-free medium, culture supplements, sodium butyrate, and the Corning BioCoat Fibrillar Collagen 24-well insert system

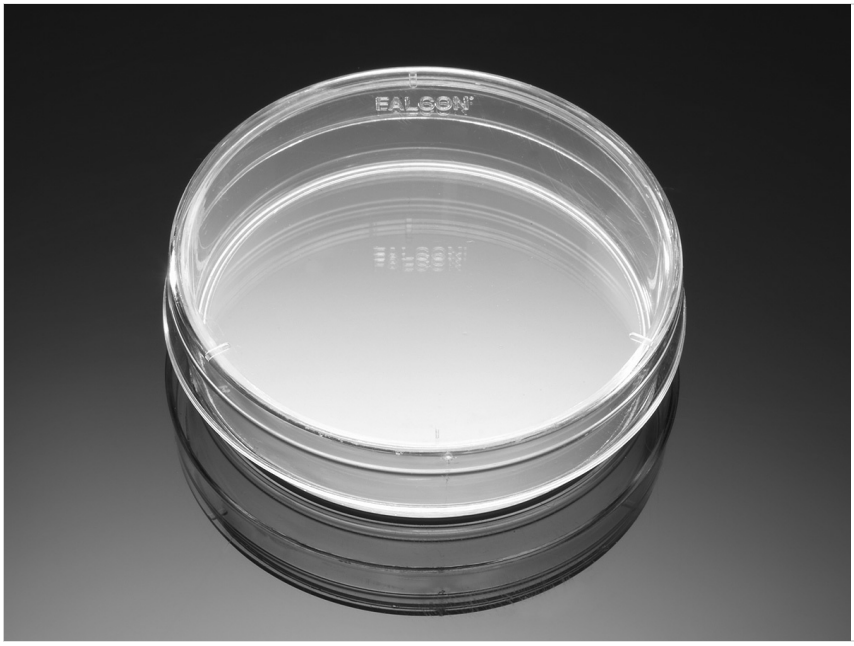
Qty/Pk

5/Pk

Products

Product Number	354802
Product Name	Corning® BioCoat® HTS 1.0 µm Caco-2 Assay System, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Ea

Corning® BioCoat® Poly-D-Lysine Culture Dishes



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

- 2°C to 8°C under dry conditions.

Diameter

35 mm
60 mm
100 mm
150 mm

Qty/Cs

5/Cs
10/Cs
20/Cs

40/Cs
100/Cs

Products

Product Number	354467
Product Name	Corning® BioCoat® Poly-D-Lysine 35 mm TC-treated Culture Dishes, 20/Pack, 20/Case
Qty./Pk	20 / Pk
Qty./Cs	20 / Cs
Product Number	354468
Product Name	Corning® BioCoat® Poly-D-Lysine 60 mm TC-treated Culture Dishes, 20/Pack, 20/Case
Qty./Pk	20 / Pk
Qty./Cs	20 / Cs
Product Number	354469
Product Name	Corning® BioCoat® Poly-D-Lysine 100 mm TC-treated Culture Dishes, 10Pack, 10/Case
Qty./Pk	10 / Pk
Qty./Cs	10 / Cs
Product Number	354550
Product Name	Corning® BioCoat® Poly-D-Lysine 150 mm TC-treated Gridded Culture Dishes, 5/Pack, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs

Product Number	356467
Product Name	Corning® BioCoat® Poly-D-Lysine 35 mm TC-treated Culture Dishes, 20/Pack, 100/Case
Qty./Pk	20 / Pk
Qty./Cs	100 / Cs
Product Number	356468
Product Name	Corning® BioCoat® Poly-D-Lysine 60 mm Culture Dishes, 20/Pack, 100/Case
Qty./Pk	20 / Pk
Qty./Cs	100 / Cs
Product Number	356469
Product Name	Corning® BioCoat® Poly-D-Lysine 100 mm TC-treated Culture Dishes, 10/Pack, 40/Case
Qty./Pk	10 / Pk
Qty./Cs	40 / 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® Reusable Probe Insertion Fitting for Vertical Sidearm Flasks

- Used to secure pH, O2, or temperature sensors in large spinner flasks with vertical sidearms
- Fittings are comprised of a PET insert with a fluorocarbon O-Ring and a polypropylene sealing cap.
- The 316 sensors are held in place by modified polyphenylene oxide thermoplastic nuts with integrated ferrules.
- The fittings are completely autoclavable.

Spare parts for sidearm fittings, see Cat. Nos. 1395-32LTC, 1395-45LTC, 1395-LTR, and 1395LTMC

Sensor Type

O2 Probe

Temperature Probe

pH Probe

pH or O2 Probe

Outer Diameter

12 mm

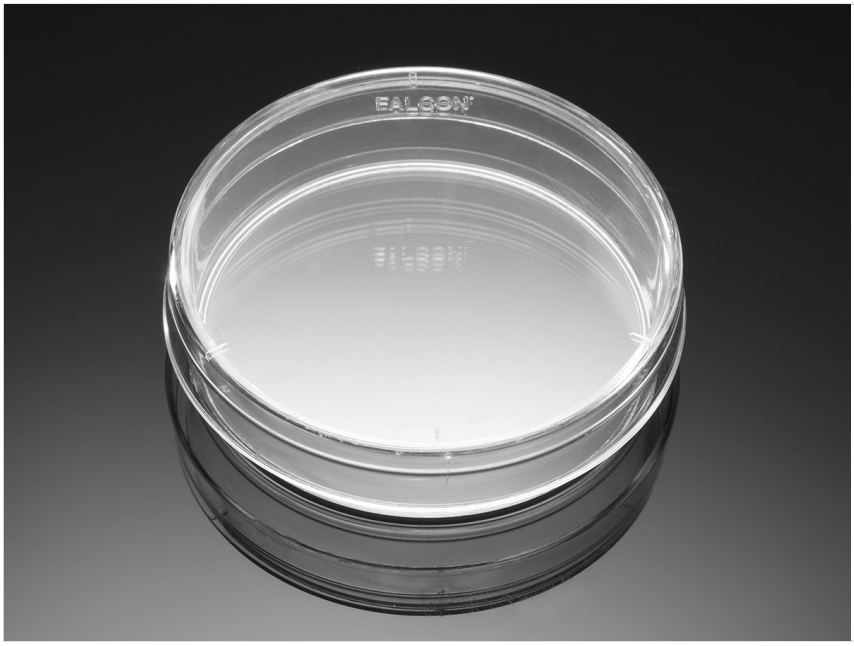
18 mm

Products

Product Number	4519-108
Product Name	Corning® Reusable 12 mm Oxygen Probe Insertion Fitting for Vertical Sidearm Flasks
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	4519-110
Product Name	Corning® Reusable 12 mm pH Probe Insertion Fitting for Vertical Sidearm Flasks
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	4519-128
Product Name	Corning® Reusable 12 mm Temperature Probe Insertion Fitting for Vertical Sidearm Flasks
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs

Product Number	4519-172
Product Name	Corning® Reusable 18 mm pH, Oxygen or Temperature Probe Insertion Fitting for Vertical Sidearm Flasks
Qty./Pk	1 / Pk
Qty./Cs	1 / 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

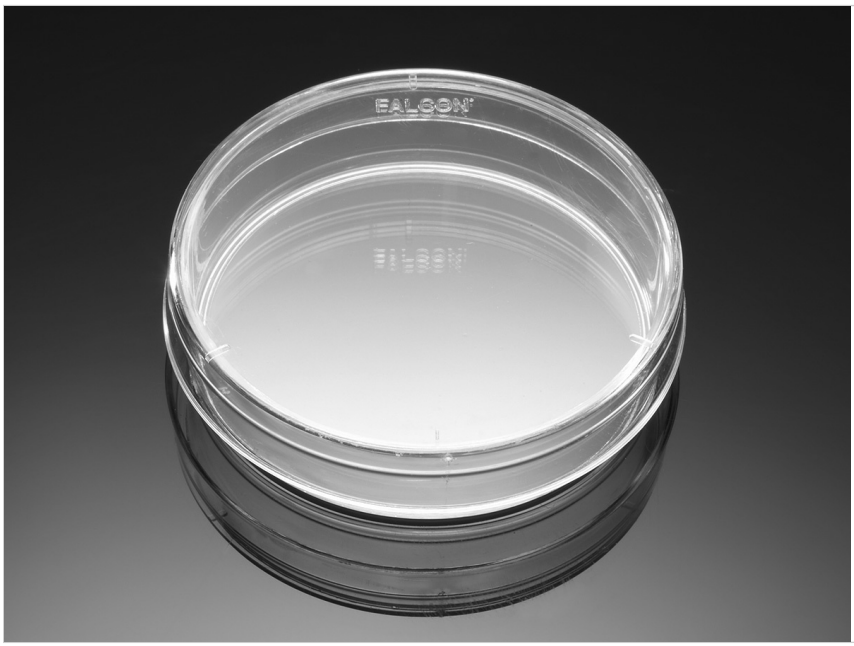
35 mm
60 mm
100 mm
150 mm

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® Collagen IV-coated Culture Dishes



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.

Diameter

60 mm
100 mm

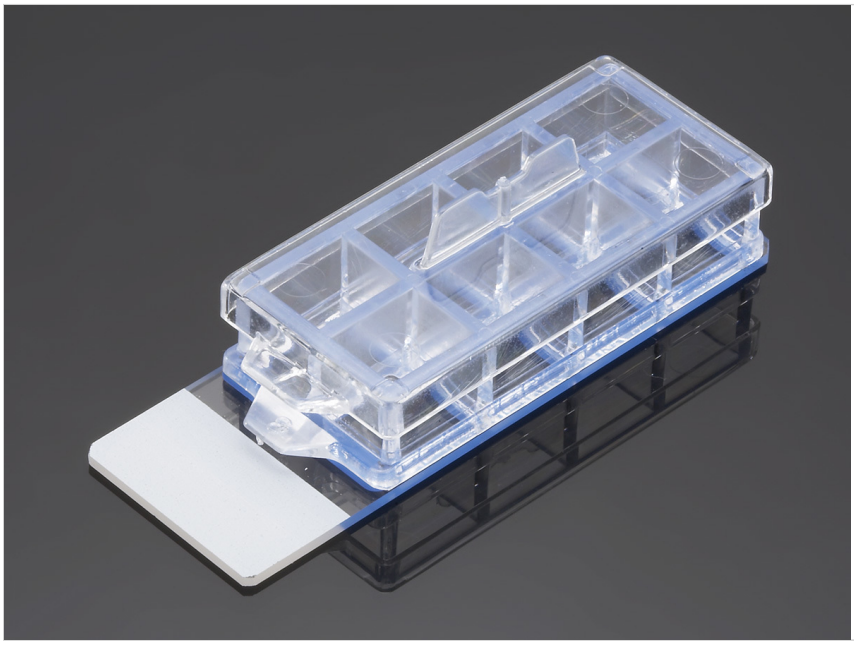
Products

Product Number	354416
Product Name	Corning® BioCoat® Collagen IV 60 mm TC-treated Culture Dishes, 5/Pack, 20/Case
Qty./Pk	5 / Pk
Qty./Cs	20 / Cs

Product Number	354453
Product Name	Corning® BioCoat® Collagen IV 100 mm TC-treated Culture Dishes, 5/Pack, 10/Case
Qty./Pk	5 / Pk
Qty./Cs	10 / Cs

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

Product Number 354688



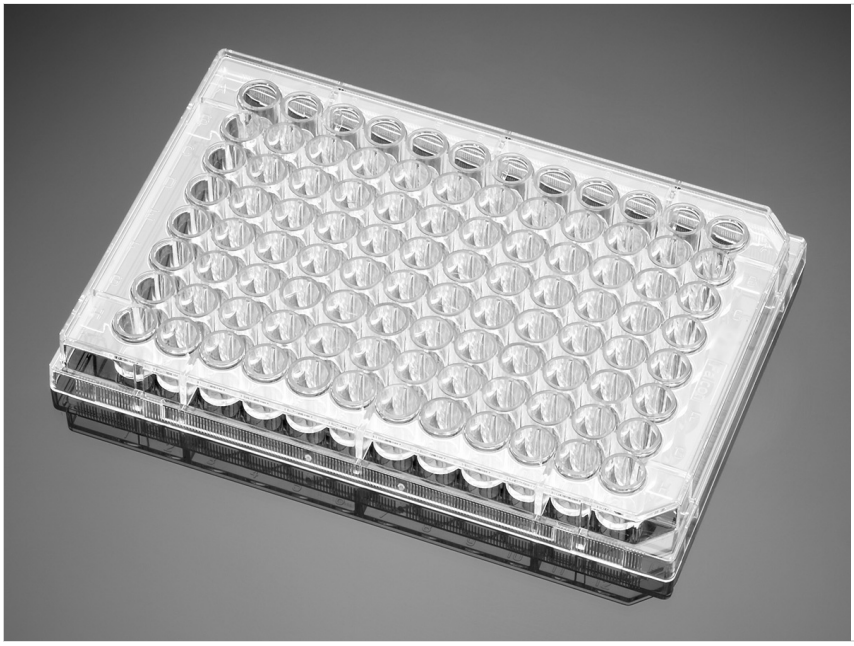
Corning® BioCoat™ 8-well culture slide with a uniform application of PDL/Laminin. Glass slide with polystyrene vessel, lid, and safety removal tool. 4/pack, 12/case. Corning BioCoat products are an ideal solution for enhanced cell attachment and growth of a variety of primary cells and transformed cells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

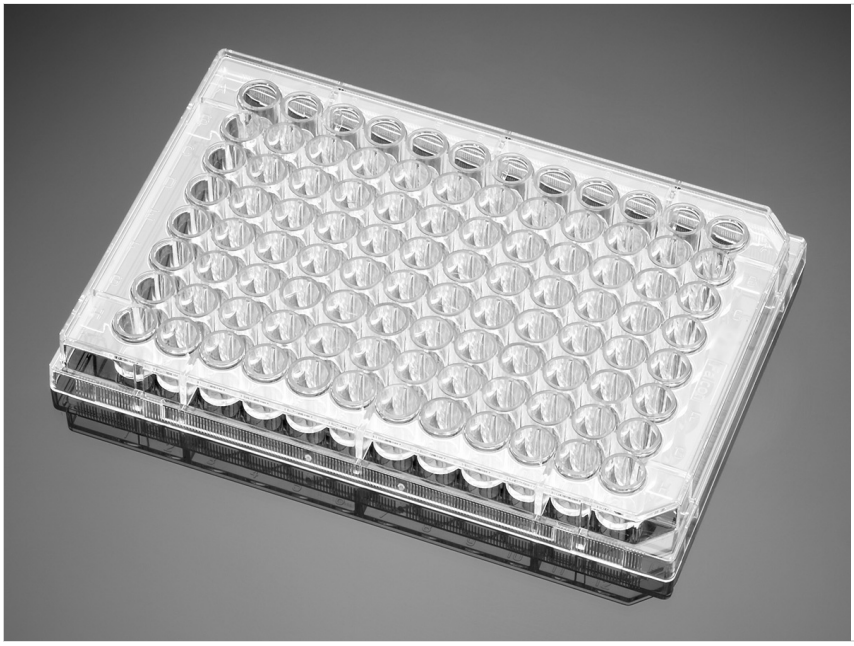
5/Cs
50/Cs

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-D-Lysine 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.

Color

Black and Clear
Clear
White
White and Clear

Qty/Cs

5/Cs
50/Cs
80/Cs

Well Number

96-well

384-well

Products

Product Number	354461
Product Name	Corning® BioCoat® Poly-D-Lysine 96-well Clear Flat Bottom TC-treated Microplate, with Lid, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	354620
Product Name	Corning® BioCoat® Poly-D-Lysine 96-well White/Opaque Flat Bottom TC-treated Microplate, with Lid, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	354640
Product Name	Corning® BioCoat® Poly-D-Lysine 96-well Black/Clear Flat Bottom TC-treated Assay Plate, with Lid, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	354651
Product Name	Corning® BioCoat® Poly-D-Lysine 96-well White/Clear Flat Bottom TC-treated Microplate, with Lid, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs

Product Number	354660
Product Name	Corning® BioCoat® Poly-D-Lysine 384-well White/Clear Flat Bottom TC-treated Microplate, with Lid, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	354661
Product Name	Corning® BioCoat® Poly-D-Lysine 384-well White Flat Bottom TC-treated Microplate, with Lid, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	354662
Product Name	Corning® BioCoat® Poly-D-Lysine 384-well Clear Flat Bottom TC-treated Microplate, with Lid, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	354663
Product Name	Corning® BioCoat® Poly-D-Lysine 384-well Black/Clear Flat Bottom TC-treated Microplate, with Lid, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	356461
Product Name	Corning® BioCoat® Poly-D-Lysine 96-well Clear Flat Bottom TC-treated Microplate, with Lid, 5/Pack, 50/Case
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs

Product Number	356620
Product Name	Corning® BioCoat® Poly-D-Lysine 96-well White/Opaque Flat Bottom TC-treated Microplate, with Lid, 5/Pack, 50/Case
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs

Corning® BioCoat® Collagen I-coated Microplates

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.

Color

Black and Clear

Clear

White

White and Clear

Qty/Cs

5/Cs

50/Cs

80/Cs

Well Number

96-well

384-well

384-well Small Volume

Products

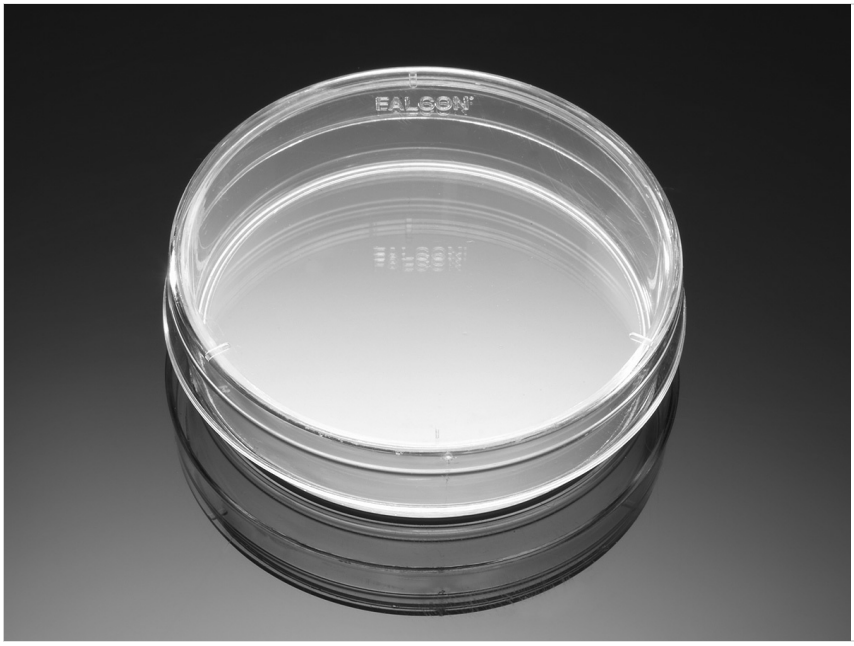
Product Number	354407
Product Name	Corning® BioCoat® Collagen I 96-well Clear Flat Bottom TC-treated Microplate, with Lid, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	354519
Product Name	Corning® BioCoat® Collagen I 96-well White/Opaque Flat Bottom TC-treated Microplate, with Lid, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs

Product Number	354649
Product Name	Corning® BioCoat® Collagen I 96-well Black/Clear Flat Bottom TC-treated Microplate, with Lid, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	354650
Product Name	Corning® BioCoat® Collagen I 96-well White/Clear Flat Bottom TC-treated Microplate, with Lid, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	354664
Product Name	Corning® BioCoat® Collagen I 384-well White/Clear Flat Bottom TC-treated Microplate, with Lid, 5/Pack, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs

Product Number	354665
Product Name	Corning® BioCoat® Collagen I 384-well White Flat Bottom TC-treated Microplate, with Lid, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	354666
Product Name	Corning® BioCoat® Collagen I 384-well Clear Flat Bottom TC-treated Microplate, with Lid, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs
Product Number	354667
Product Name	Corning® BioCoat® Collagen I 384-well Black/Clear Flat Bottom TC-treated Microplate, with Lid, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs

Product Number	356397
Product Name	Corning® BioCoat® Collagen I Small-Volume 384-well Black Flat Bottom Plate, 5/Pack, 50/Case
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs
Product Number	356407
Product Name	Corning® BioCoat® Collagen I 96-well Clear Flat Bottom TC-treated Microplate, with Lid, 5/Pack, 50/Case
Qty./Pk	5 / Pk
Qty./Cs	50 / Cs

Corning® BioCoat® Matrigel® Matrix Culture Dishes



Corning Matrigel basement membrane matrix is a solubilized basement membrane preparation extracted from the Engelbreth-Holm-Swarm (EHS) mouse sarcoma, a tumor rich in ECM proteins. Its major component is laminin, followed by collagen IV, heparan sulfate proteoglycans, entactin, and nidogen. Corning Matrigel matrix is effective for the attachment and differentiation of both normal and transformed anchorage-dependent epithelial and other cell types including neurons and oligodendrocytes.

Applications include:

- Elicitation of tissue-specific cellular morphology and protein production in epithelial cells
- Differentiation of endothelial, muscle, and neuronal cells
- Development of three-dimensional matrix model systems

Source

- **EHS mouse tumor**

Formulation

- **Dulbecco's Modified Eagles' Medium with 50 µg/mL gentamycin. Corning Matrigel matrix is compatible with all culture media.**

Quality Control

- **Tested for ability to promote neurite outgrowth from chick dorsal root ganglia in the absence of NGF**
- **Tested and found negative for bacteria and fungi**

Storage and Stability

- **-20°C. Keep frozen until use.**
- **Thin layer cultureware stable at 2°C to 8°C.**

Diameter

60 mm
100 mm

Qty/Cs

10/Cs
20/Cs

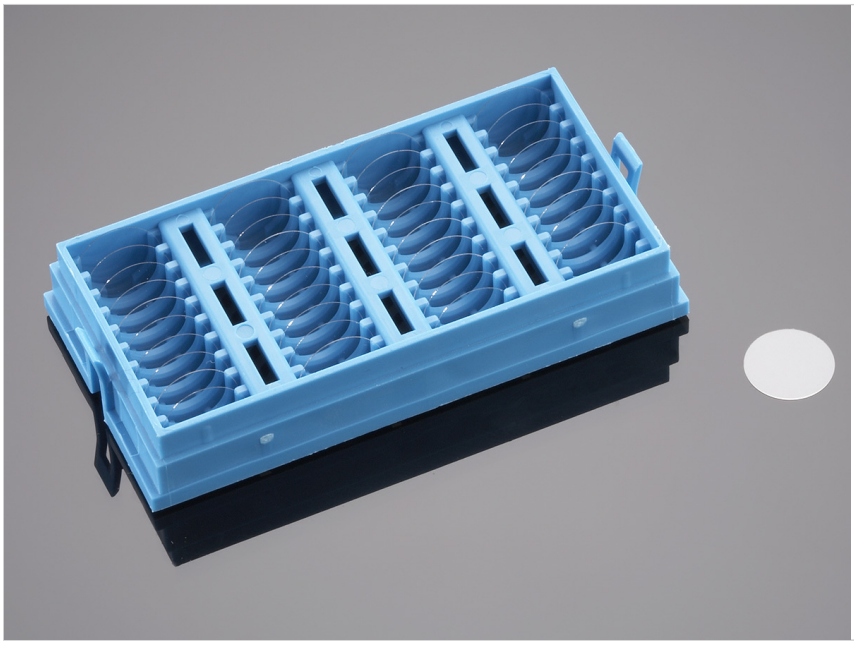
Products

Product Number	354600
Product Name	Corning® BioCoat® Matrigel® Matrix Thin-Layer 100 mm Culture Dishes, 5/Pack, 10/Case
Qty./Pk	5 / Pk
Qty./Cs	10 / Cs

Product Number	354601
Product Name	Corning® BioCoat® Matrigel® Matrix Thin-Layer 60 mm Culture Dishes, 5/Pack, 20/Case
Qty./Pk	5 / Pk
Qty./Cs	20 / 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® (Matrigel® matrix) Angiogenesis Systems: Endothelial Cell Invasion, 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 automated, high throughput drug transport (Caco-2 cells) cell toxicity studies or cell migration and invasion studies.

Corning BioCoat HTS Caco-2 Assay System, PET Membrane Contains specially formulated serum-free medium, culture supplements, sodium butyrate, and the Corning BioCoat Fibrillar Collagen 24-well insert system

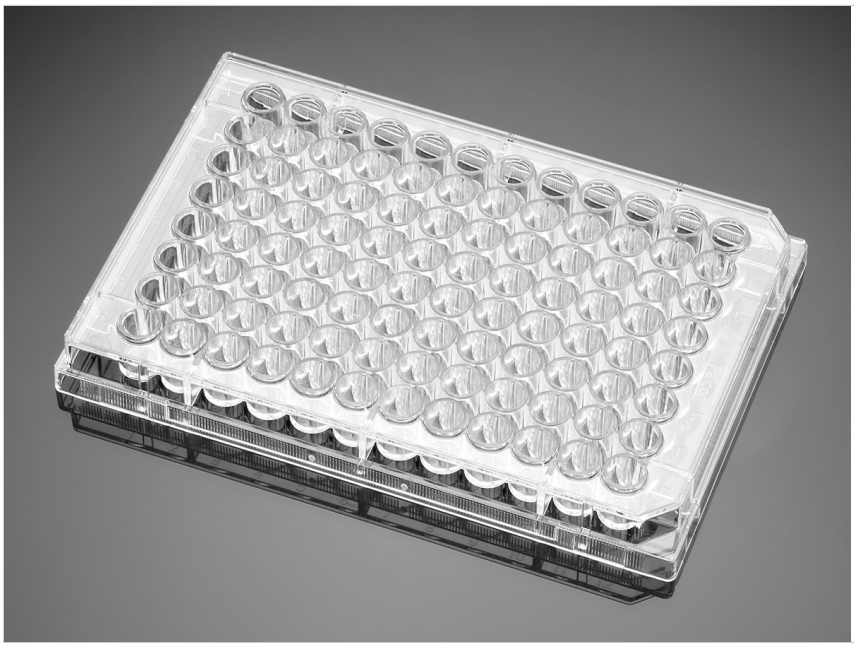
Qty/Pk

5/Pk

Products

Product Number	354142
Product Name	Corning® BioCoat® HTS 24-well Multiwell Angiogenesis System for Endothelial Cell Invasion, 5/Pack, 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

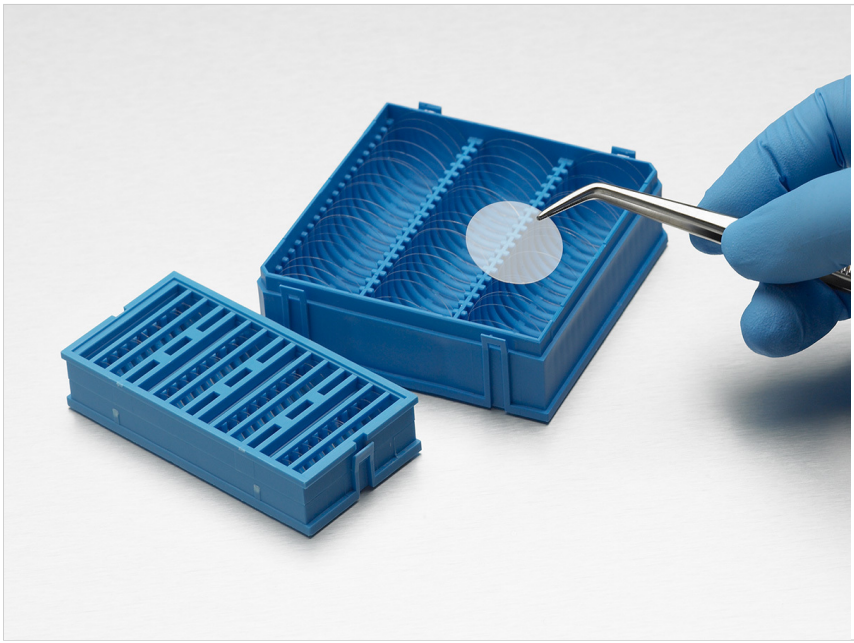
Product Number	354409
Product Name	Corning® BioCoat® Fibronectin 96-well Clear Flat Bottom TC-treated Microplates, 5/Case
Qty./Pk	1 / Pk
Qty./Cs	5 / Cs
Product Number	354410
Product Name	Corning® BioCoat® Laminin 96-well Clear Flat Bottom TC-treated Microplate with Lid, 5/Case
Qty./Pk	1 / Pk
Qty./Cs	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® Fibronectin 22 mm Round #1 German Glass Coverslip, Bulk Packed, 60/Case

Product Number 354088



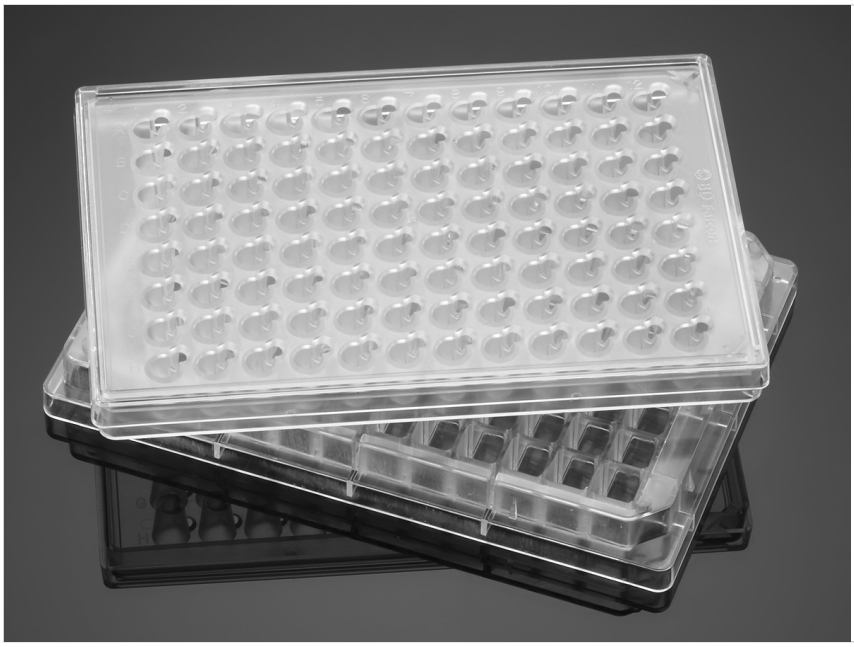
Corning® BioCoat™ 22x22mm #1 German Glass coverslip with a uniform application of human fibronectin. Bulk packed, 60/case. Corning BioCoat products are an ideal solution for enhanced cell attachment and growth of a variety of primary cells and transformed cells in serum-free or serum-containing cultures. 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) Angiogenesis Systems: Endothelial Cell Migration, 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 automated, high throughput drug transport (Caco-2 cells) cell toxicity studies or cell migration and invasion studies.

Corning BioCoat HTS Caco-2 Assay System, PET Membrane Contains specially formulated serum-free medium, culture supplements, sodium butyrate, and the Corning BioCoat Fibrillar Collagen 24-well insert system

Diameter

3.2 mm

6.4 mm

Qty/Pk

5/Pk

Products

Product Number	354144
Product Name	Corning® BioCoat® Fibronectin HTS 24-well Multiwell Angiogenesis System with 3.0 µm Membrane, 5/Pack, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs

Product Number	354148
Product Name	Corning® BioCoat® Fibronectin HTS 96-well Multiwell Angiogenesis System with 3.0 µm Membrane, 5/Pack, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs

Corning® BioCoat® Poly-D-Lysine/Laminin 100 mm TC-Treated Culture Dishes, 5/Pack, 10/Case

Product Number 354455

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

Shipping room temperature.

Details

Qty./Pk	5 / Pk
Qty./Cs	10 / Cs
Cell Growth Area	58.1 cm^2
Surface Treatment	TC-Treated
Storage	2° - 8°C
Surface Coating	Poly-D-Lysine/Laminin

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® Poly-D-Lysine Coverslips

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.

Diameter

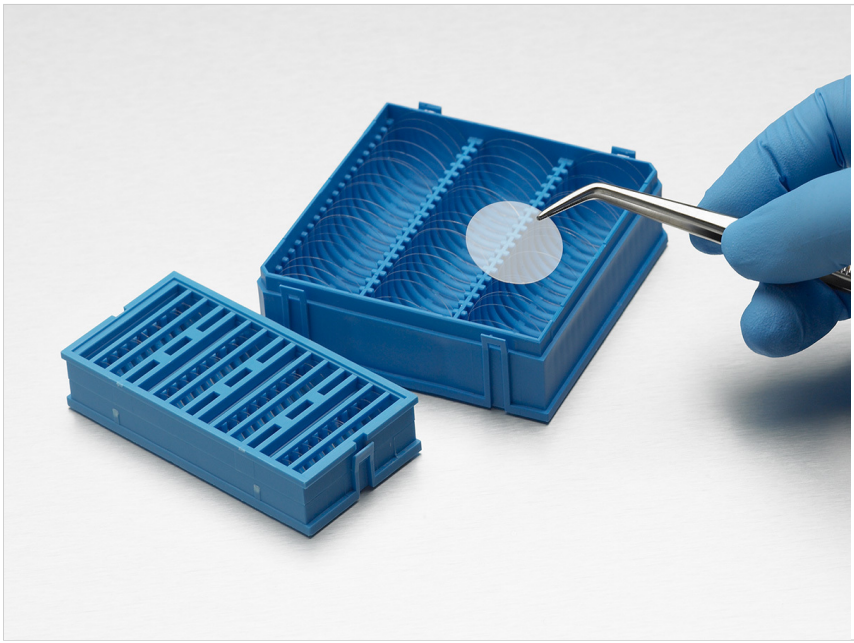
12 mm

Products

Product Number	354086
Product Name	Corning® BioCoat® Poly-D-Lysine 12 mm #1 German Glass Coverslip, Bulk Packed, 80/Case
Qty./Pk	80 / Pk
Qty./Cs	80 / Cs

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

Product Number 354089



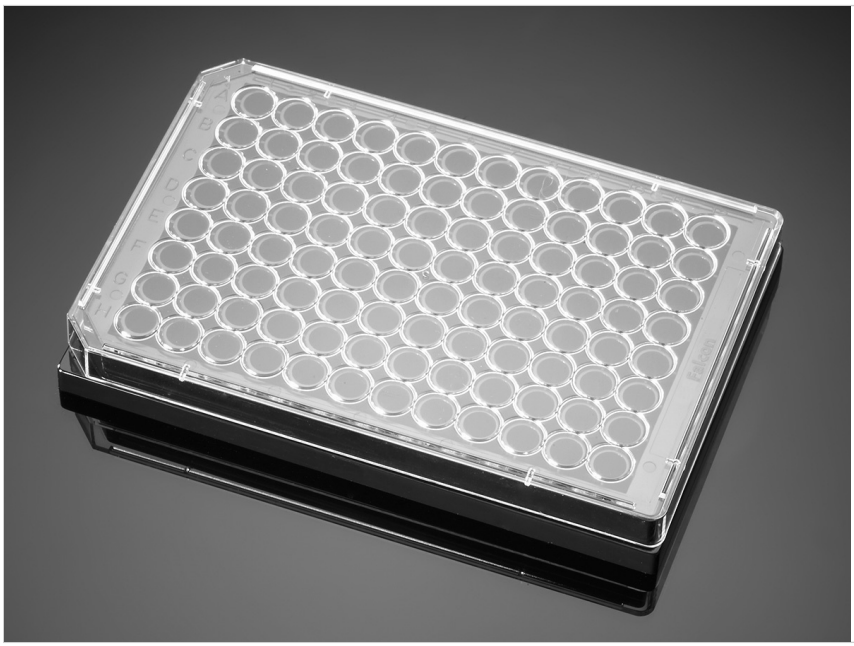
Corning® BioCoat™ 22mm #1 German Glass coverslip with a uniform application of rat tail collagen. Bulk packed, 60/case. Corning BioCoat products are an ideal solution for enhanced cell attachment and growth of a variety of primary cells and transformed cells in serum-free or serum-containing cultures.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



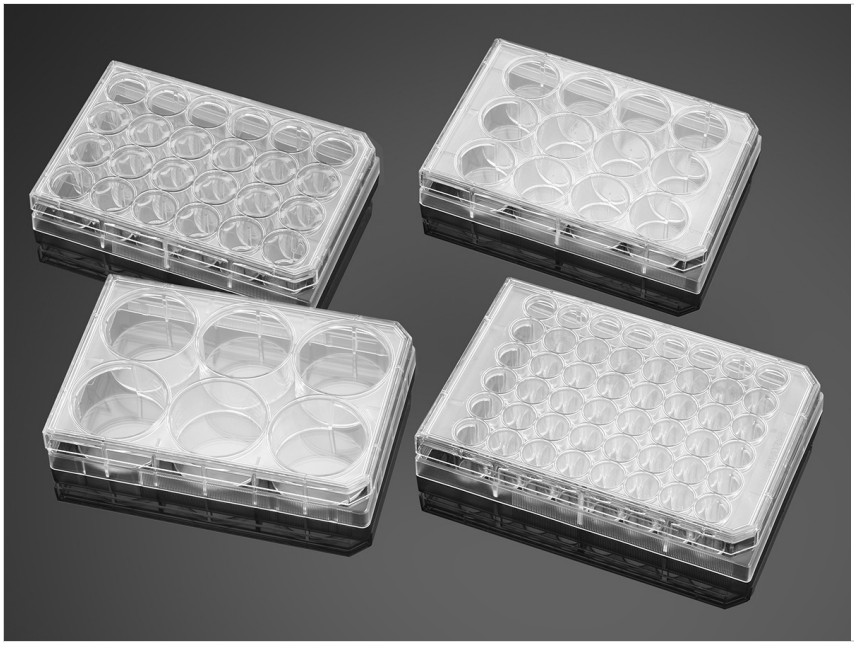
Qty/Cs

1/Cs
5/Cs

Products

Product Number	354149
Product Name	Corning® BioCoat® Angiogenesis System: Endothelial Cell Tube Formation, 96-well Black Multiwell Microplate, 1/Case
Qty./Pk	1 / Pk
Qty./Cs	1 / Ea
Product Number	354150
Product Name	Corning® BioCoat® Angiogenesis System: Endothelial Cell Tube Formation, 96-well Black Multiwell Microplate, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs

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.

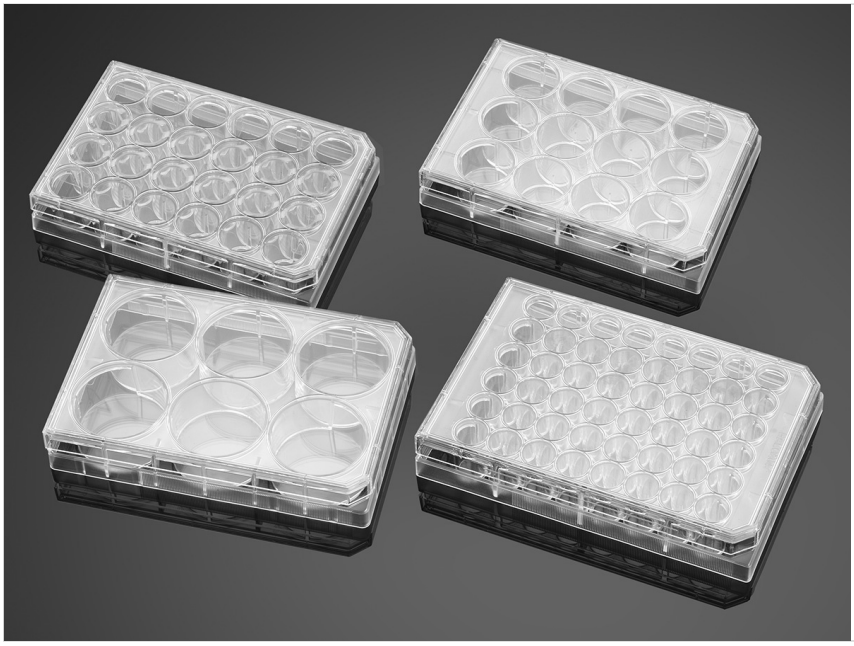
Well Number

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® 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® 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® 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® 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® 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® Cell Environments and Corning BioCoat Matrigel® Invasion Chambers, PET Membrane

Corning BioCoat cell culture inserts are pre-coated with extracellular matrix proteins for applications requiring a protein-coated cell surface, such as cell adhesion, growth, invasion, migration and/or differentiation.

Coatings include Corning Matrigel® matrix, Fibronectin, Collagen, and Laminin.

Diameter

6.4 mm
23.1 mm

Surface Treatment

Corning Matrigel Matrix
GFR Matrigel

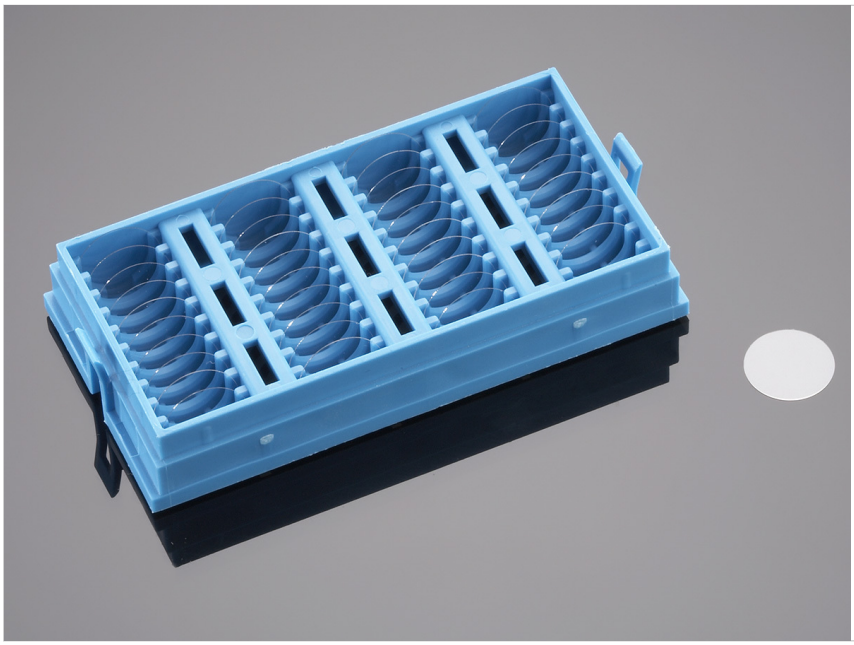
Products

Product Number	354480
Product Name	Corning® BioCoat® Matrigel® Invasion Chambers with 8.0 µm PET Membrane in two 24-well Plates, 12/Pack, 24/Case
Qty./Pk	12 / Pk
Qty./Cs	24 / Cs

Product Number	354481
Product Name	Corning® BioCoat® Matrigel® Invasion Chamber with 8.0 µm PET Membrane in four 6-well Plates, 6/Pack, 24/Case
Qty./Pk	6 / Pk
Qty./Cs	24 / Cs
Product Number	354483
Product Name	Corning® BioCoat® Growth Factor Reduced Matrigel Invasion Chamber with 8.0 µm PET Membrane in two 24 W Plates, 12/Pk, 24/Cs
Qty./Pk	12 / Pk
Qty./Cs	24 / Cs

Corning® BioCoat® Poly-D-Lysine/Laminin 12 mm #1 German Glass Coverslip, Bulk Packed, 80/Case

Product Number 354087



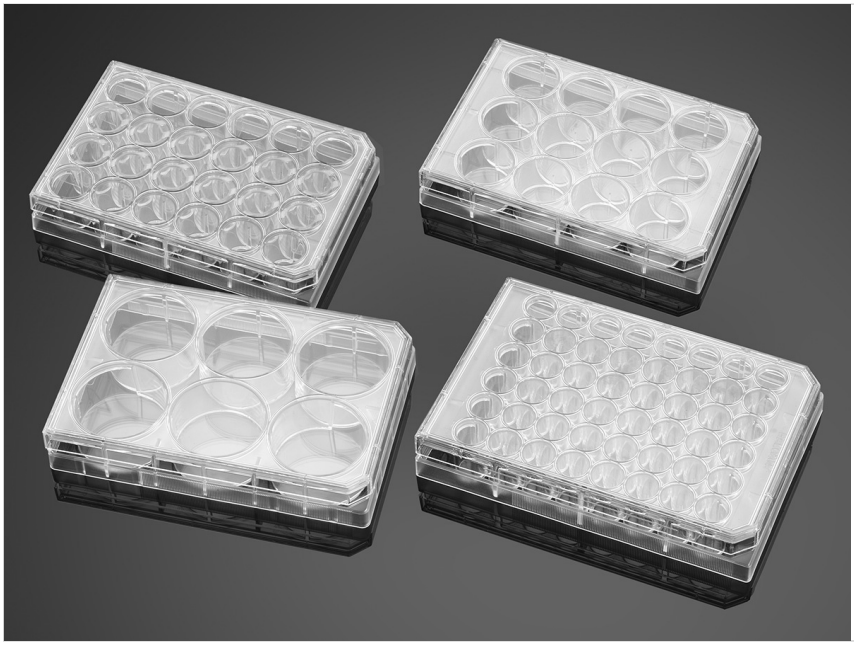
Corning® BioCoat™ Poly-D-Lysine/Laminin 12mm #1 German Glass coverslip with a uniform application of poly-D-lysine and laminin. Bulk packed, 80/case. Corning BioCoat products are an ideal solution for enhanced cell attachment and growth of a variety of primary cells and transformed cells in serum-free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

Shelf life: >= 3 months from date of shipment

Details

Product Number	354087
Qty./Pk	80 / Pk
Qty./Cs	80 / Cs
Brand	Corning®
Size	12 mm
Storage	2° - 8°C
Surface Coating	Poly-D-Lysine/Laminin

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® 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.

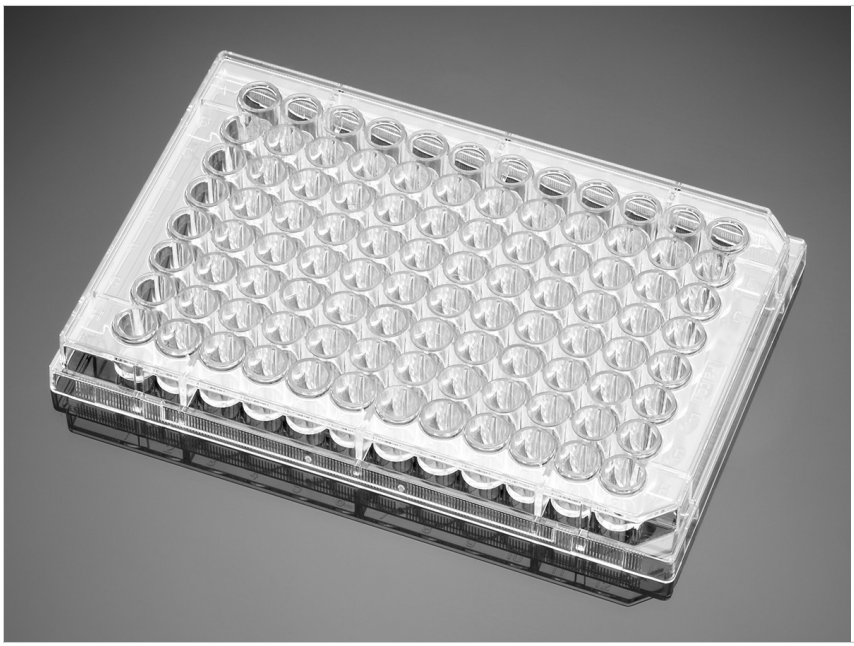
Well Number

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® 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® 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® T-Cell Microplates

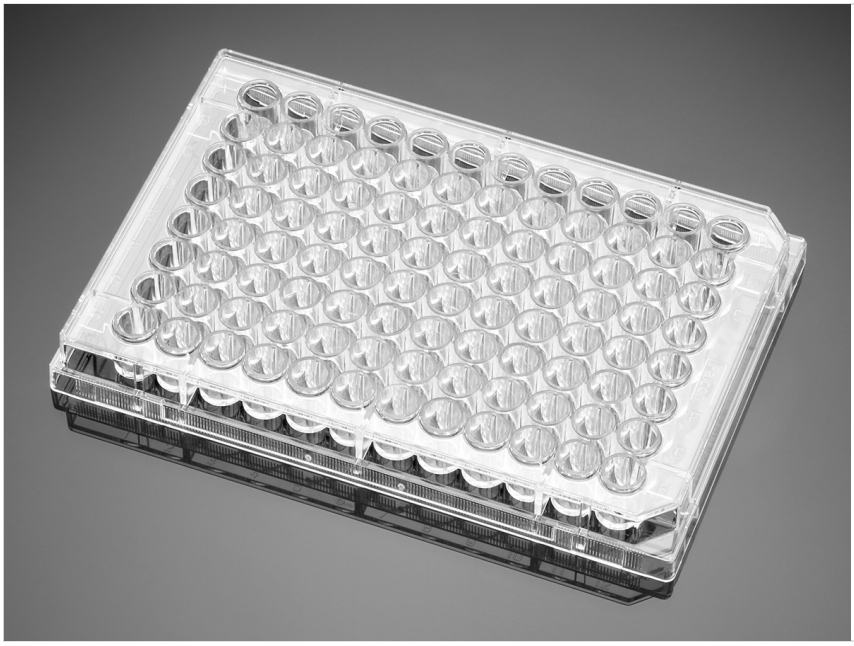


Plate-bound antibodies against the T-cell receptor complex have been used to induce activation of T-cells from a variety of species without the help of accessory cells. Corning BioCoat T-Cell activation plates are precoated with high quality BD Pharmingen™ CD3 antibodies. Available for use with mouse or human T-cells, Corning BioCoat T-Cell activation plates offer lot-to-lot consistency and come individually packaged with lids for ease of use.

Applications include:

- T-Cell activation
- Cytokine production
- Cytokine mRNA quantitation
- Co-stimulation
- Studies of drug effects on T-cell function

Quality Control

- Tested for ability to proliferate mouse splenocytes or human PBMCs
- Tested and found negative for bacteria and fungi

Storage

- 2°C to 8°C. Do not freeze.

Surface Treatment

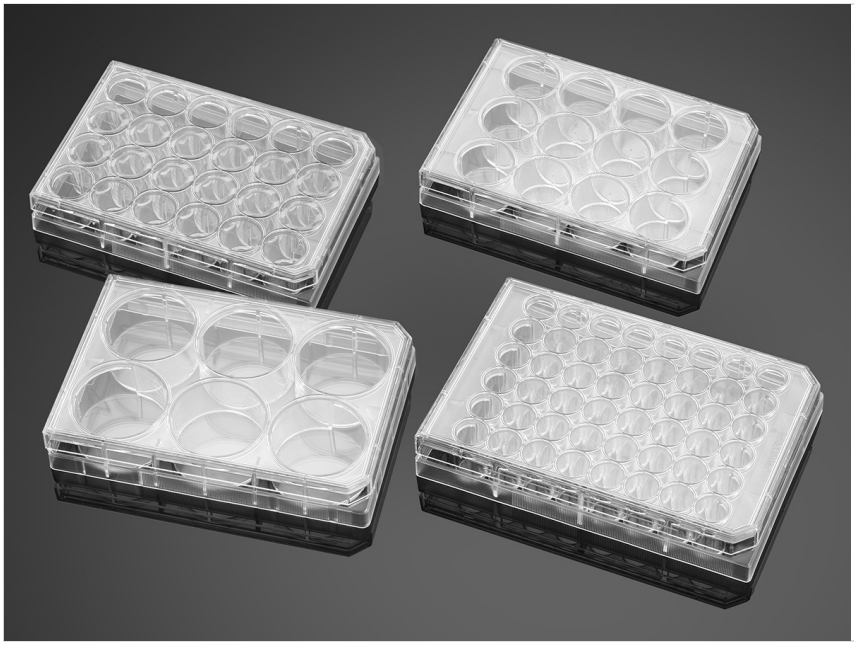
BioCoat T-Cell Activation
BioCoat T-Cell Activation Anti-Human

Products

Product Number	354725
Product Name	Corning® BioCoat® T-Cell Activation Anti-Human CD3 96-well Flat Bottom Assay Plate, Individually Wrapped, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs

Product Number	354730
Product Name	Corning® BioCoat® T-Cell Activation Control 96-well Flat Bottom Assay Plate, Individually Wrapped, 5/Case
Qty./Pk	5 / Pk
Qty./Cs	5 / 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® 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® 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® 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

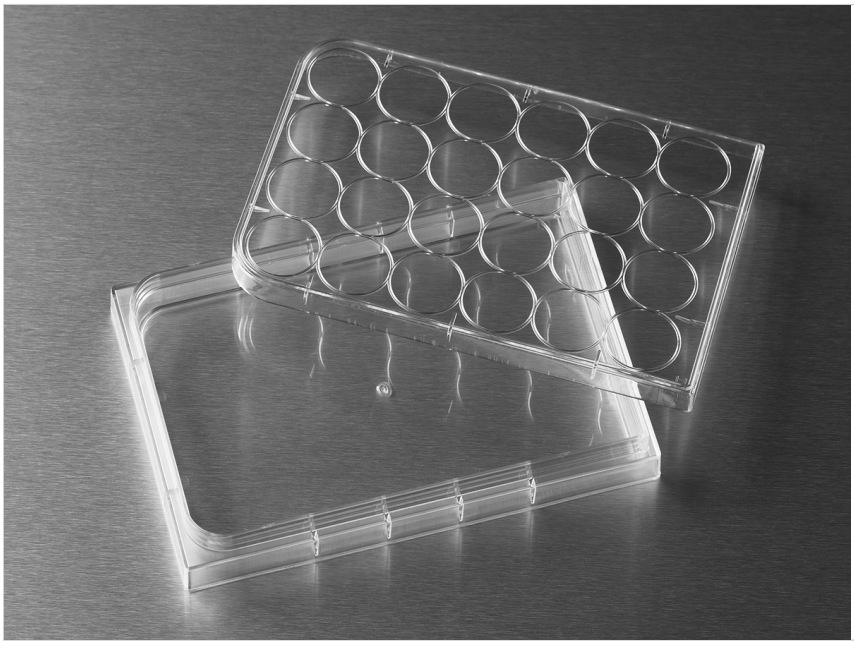
Products

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

HTS Transwell®-24 Clear Not Treated Reservoir, Sterile

Product Number 3395

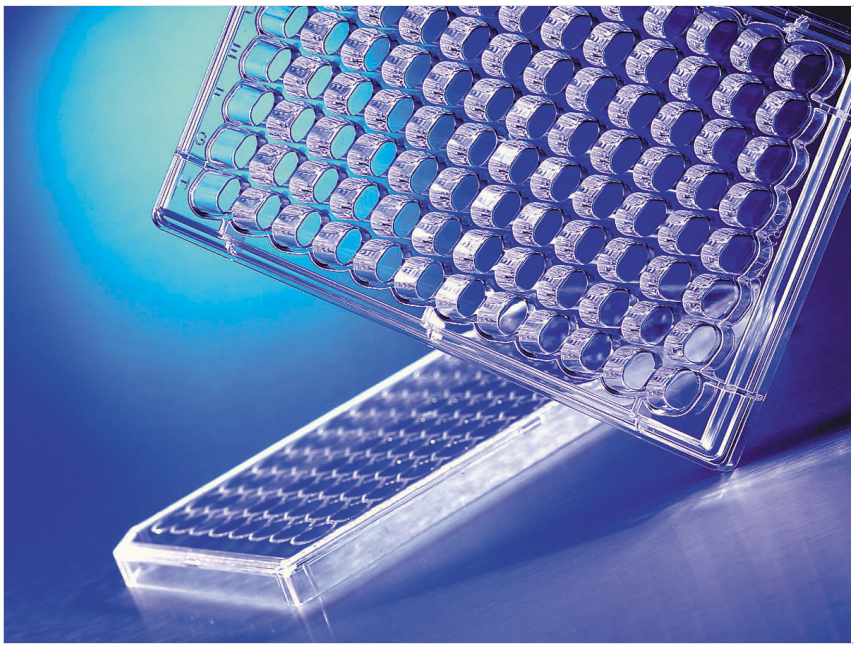


- For use as reservoir tray with HTS Transwell Permeable Supports
- Not Treated for cell attachment
- Same footprint as standard 24 well plate but with single rectangular well

Details

Product Number	3395
Qty./Pk	12 / Pk
Qty./Cs	48 / Cs
Brand	Corning®
Application	Air-Liquid Interface (ALI) Cultures

HTS Transwell® 96-well Receiver Plate



- The HTS Transwell-96 permeable support has an array of 96-wells with membrane inserts connected by a rigid, robotics-friendly tray that enables all 96 inserts to be handled as a single unit.
- Choice of either polyester (PET) membrane (0.4 µm, 1.0 µm, and 8.0 µm pore sizes) or polycarbonate (PC) membrane (0.4 µm, 3.0 µm, and 5.0 µm pore sizes)
- 0.143 cm^2 membrane area per well, providing 20% to 50% more surface area for cell growth than other commercially available systems
- Large apical and basolateral access ports allow efficient media sampling and facilitate automated or manual access.
- Optimized for automation, with multichannel feeder ports, improved gripping surface, and standard bar codes
- The reservoir plate allows for simultaneous feeding of 96 wells and comes with a removable media stabilizer to reduce the risk of spills during handling
- The receiver plate isolates each well to enable 96 individual assays.
- Sterile
- The HTS Transwell-96 systems (0.4 µm PC, 0.4 µm PET, and 1.0 µm PET) are packaged with the 96-well insert plate in a reservoir plate and includes the 96-well receiver plate with lid.
- The HTS Transwell-96 plates (3.0 and 5.0 µm PC, 8.0 µm PET) are packaged with the 96-well insert plate in the 96-well receiver plate with lid. Reservoir plates may be purchased separately.

Color

Black
Clear
White

Products

Product Number	3382
Product Name	HTS Transwell®-96 Receiver Plate, Clear, Sterile
Qty./Pk	10 / Pk
Qty./Cs	10 / Cs

Product Number	3583
Product Name	HTS Transwell®-96 Receiver Plate, Black, TC-treated, Sterile
Qty./Pk	10 / Pk
Qty./Cs	10 / Cs

Product Number	3783
Product Name	HTS Transwell®-96 Receiver Plate, White, TC-treated, Sterile
Qty./Pk	10 / Pk
Qty./Cs	10 / Cs

HTS Transwell® 24-well Permeable Support

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 automated, high throughput drug transport (Caco-2 cells) cell toxicity studies or cell migration and invasion studies.

- The HTS Transwell-24 permeable support has an array of 24 wells with membrane inserts connected by a rigid, robotics-friendly tray that enables all 24 Transwell supports to be handled as a single unit.
- Cell growth area is 0.33 cm^2/well.
- Choice of either polyester (PET) membrane (0.4 µm pore size) or polycarbonate (PC) membrane (0.4 9m and 3.0 µm pore sizes)
- Treated for optimal cell attachment
- Individual pack has two HTS Transwell-24 units loaded into two open reservoir trays and two individually wrapped 24-well plates.
- Bulk pack has 12 HTS Transwell-24 units loaded into 24-well plates only. Reservoirs may be purchased separately.
- Sterile

Material

Polyethylene Terephthalate
Polycarbonate

Pore Size

0.4 µm
3 µm

Qty/Pk

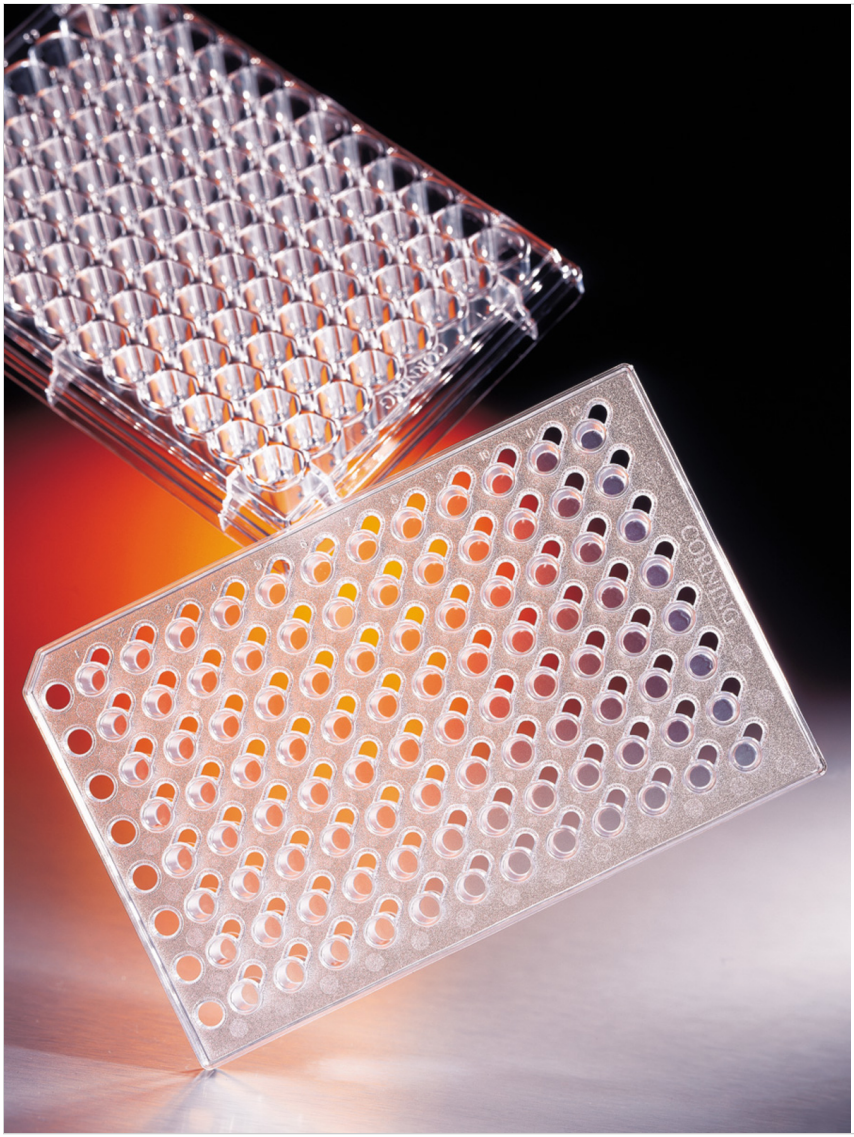
12/Pk
1/Pk

Products

Product Number	3378
Product Name	HTS Transwell®-24-well Permeable Support with 0.4 µm Pore Polyester Membrane and 6.5 mm Inserts, Sterile
Qty./Pk	12 / Pk
Qty./Cs	12 / Cs
Product Number	3379
Product Name	HTS Transwell®-24-well Permeable Support with 0.4 µm Pore Polyester Membrane and 6.5 mm Inserts
Qty./Pk	1 / Pk
Qty./Cs	2 / Cs
Product Number	3396
Product Name	HTS Transwell®-24-well Permeable Support with 0.4 µm Pore Polycarbonate Membrane and 6.5 mm Inserts, Sterile
Qty./Pk	1 / Pk
Qty./Cs	2 / Cs
Product Number	3397
Product Name	HTS Transwell®-24-well Permeable Support with 0.4 µm Pore Polycarbonate Membrane and 6.5 mm Inserts, Sterile
Qty./Pk	12 / Pk
Qty./Cs	12 / Cs
Product Number	3398
Product Name	HTS Transwell®-24-well Permeable Support with 3.0 µm Pore Polycarbonate Membrane and 6.5 mm Inserts, Sterile
Qty./Pk	1 / Pk
Qty./Cs	2 / Cs

Product Number	3399
Product Name	HTS Transwell®-24-well Permeable Support with 3.0 µm Pore Polycarbonate Membrane and 6.5 mm Inserts, Sterile
Qty./Pk	12 / Pk
Qty./Cs	12 / Cs

HTS Transwell® 96-well Permeable Support



- The HTS Transwell-96 permeable support has an array of 96-wells with membrane inserts connected by a rigid, robotics-friendly tray that enables all 96 inserts to be handled as a single unit.
- Choice of either polyester (PET) membrane (0.4 µm, 1.0 µm, and 8.0 µm pore sizes) or polycarbonate (PC) membrane (0.4 µm, 3.0 µm, and 5.0 µm pore sizes)
- 0.143 cm^2 membrane area per well, providing 20% to 50% more surface area for cell growth than other commercially available systems
- Large apical and basolateral access ports allow efficient media sampling and facilitate automated or manual access.
- Optimized for automation, with multichannel feeder ports, improved gripping surface, and standard bar codes
- The reservoir plate allows for simultaneous feeding of 96 wells and comes with a removable media stabilizer to reduce the risk of spills during handling
- The receiver plate isolates each well to enable 96 individual assays.
- Sterile
- The HTS Transwell-96 systems (0.4 µm PC, 0.4 µm PET, and 1.0 µm PET) are packaged with the 96-well insert plate in a reservoir plate and includes the 96-well receiver plate with lid.
- The HTS Transwell-96 plates (3.0 and 5.0 µm PC, 8.0 µm PET) are packaged with the 96-well insert plate in the 96-well receiver plate with lid. Reservoir plates may be purchased separately.

Material

Polyethylene Terephthalate
Polycarbonate

Pore Size

0.4 µm
1 µm
3 µm

5 µm
8 µm

Qty/Pk

1/Pk
4/Pk
5/Pk

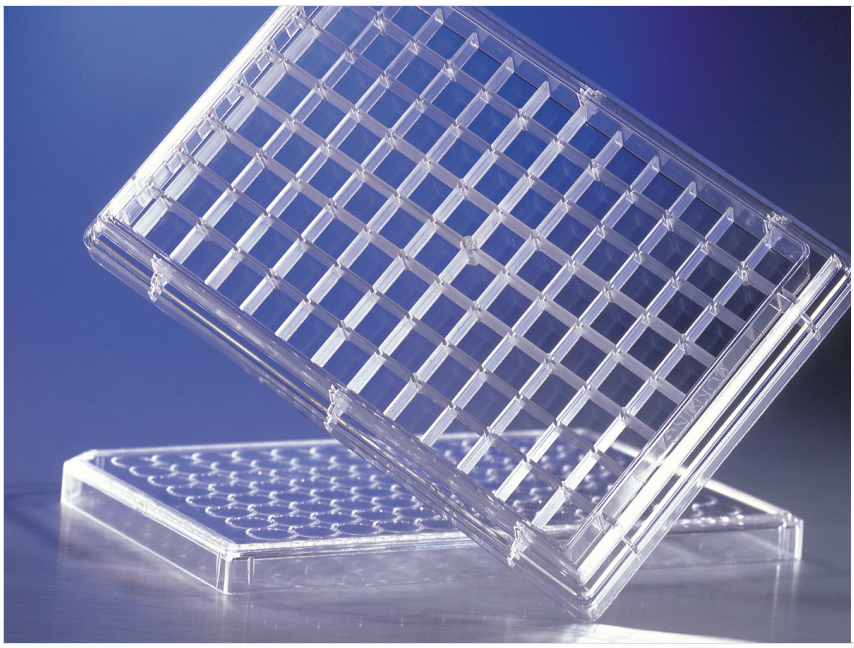
Products

Product Number	3374
Product Name	HTS Transwell®-96 Permeable Support with 8.0 µm Pore Polyester Membrane, 2 per Case, Sterile
Qty./Pk	1 / Pk
Qty./Cs	2 / Cs
Product Number	3380
Product Name	HTS Transwell®-96 Permeable Support with 1.0 µm Pore Polyester Membrane, 1 per Case, Sterile
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	3381
Product Name	HTS Transwell®-96 Permeable Support with 0.4 µm Pore Polycarbonate Membrane, 1 per Case, Sterile
Qty./Pk	1 / Pk
Qty./Cs	1 / Cs
Product Number	3384
Product Name	HTS Transwell®-96 Permeable Support with 8.0 µm Pore Polyester Membrane, 8 per Case, Sterile
Qty./Pk	4 / Pk
Qty./Cs	8 / Cs

Product Number	3385
Product Name	HTS Transwell®-96 Permeable Support with 3.0 µm Pore Polycarbonate Membrane, 2 per Case, Sterile
Qty./Pk	1 / Pk
Qty./Cs	2 / Cs
Product Number	3386
Product Name	HTS Transwell®-96 Permeable Support with 3.0 µm Pore Polycarbonate Membrane, 8 per Case, Sterile
Qty./Pk	4 / Pk
Qty./Cs	8 / Cs
Product Number	3387
Product Name	HTS Transwell®-96 Permeable Support with 5.0 µm Pore Polycarbonate Membrane, 8 per Case, Sterile
Qty./Pk	4 / Pk
Qty./Cs	8 / Cs
Product Number	3388
Product Name	HTS Transwell®-96 Permeable Support with 5.0 µm Pore Polycarbonate Membrane, 2 per Case, Sterile
Qty./Pk	1 / Pk
Qty./Cs	2 / Cs
Product Number	3391
Product Name	HTS Transwell®-96 Permeable Support with 0.4 µm Pore Polycarbonate Membrane, 5 per Case, Sterile
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs

Product Number	3392
Product Name	HTS Transwell®-96 Permeable Support with 1.0 µm Pore Polyester Membrane, 5 per Case, Sterile
Qty./Pk	5 / Pk
Qty./Cs	5 / Cs

HTS Transwell® 96-well Reservoir Plate



- The HTS Transwell-96 permeable support has an array of 96-wells with membrane inserts connected by a rigid, robotics-friendly tray that enables all 96 inserts to be handled as a single unit.
- Choice of either polyester (PET) membrane (0.4 µm, 1.0 µm, and 8.0 µm pore sizes) or polycarbonate (PC) membrane (0.4 µm, 3.0 µm, and 5.0 µm pore sizes)
- 0.143 cm^2 membrane area per well, providing 20% to 50% more surface area for cell growth than other commercially available systems
- Large apical and basolateral access ports allow efficient media sampling and facilitate automated or manual access.
- Optimized for automation, with multichannel feeder ports, improved gripping surface, and standard bar codes
- The reservoir plate allows for simultaneous feeding of 96 wells and comes with a removable media stabilizer to reduce the risk of spills during handling
- The receiver plate isolates each well to enable 96 individual assays.
- Sterile
- The HTS Transwell-96 systems (0.4 µm PC, 0.4 µm PET, and 1.0 µm PET) are packaged with the 96-well insert plate in a reservoir plate and includes the 96-well receiver plate with lid.
- The HTS Transwell-96 plates (3.0 and 5.0 µm PC, 8.0 µm PET) are packaged with the 96-well insert plate in the 96-well receiver plate with lid. Reservoir plates may be purchased separately.

Surface Treatment

None
CellBIND

Products

Product Number	3383
Product Name	HTS Transwell®-96 Reservoir Plate, Not Treated, Sterile
Qty./Pk	10 / Pk
Qty./Cs	10 / Cs

Product Number	7494
Product Name	HTS Transwell®- 96 Reservoir Plate, CellBIND® Treated, Sterile, 10/CS
Qty./Pk	10 / Pk
Qty./Cs	10 / Cs

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