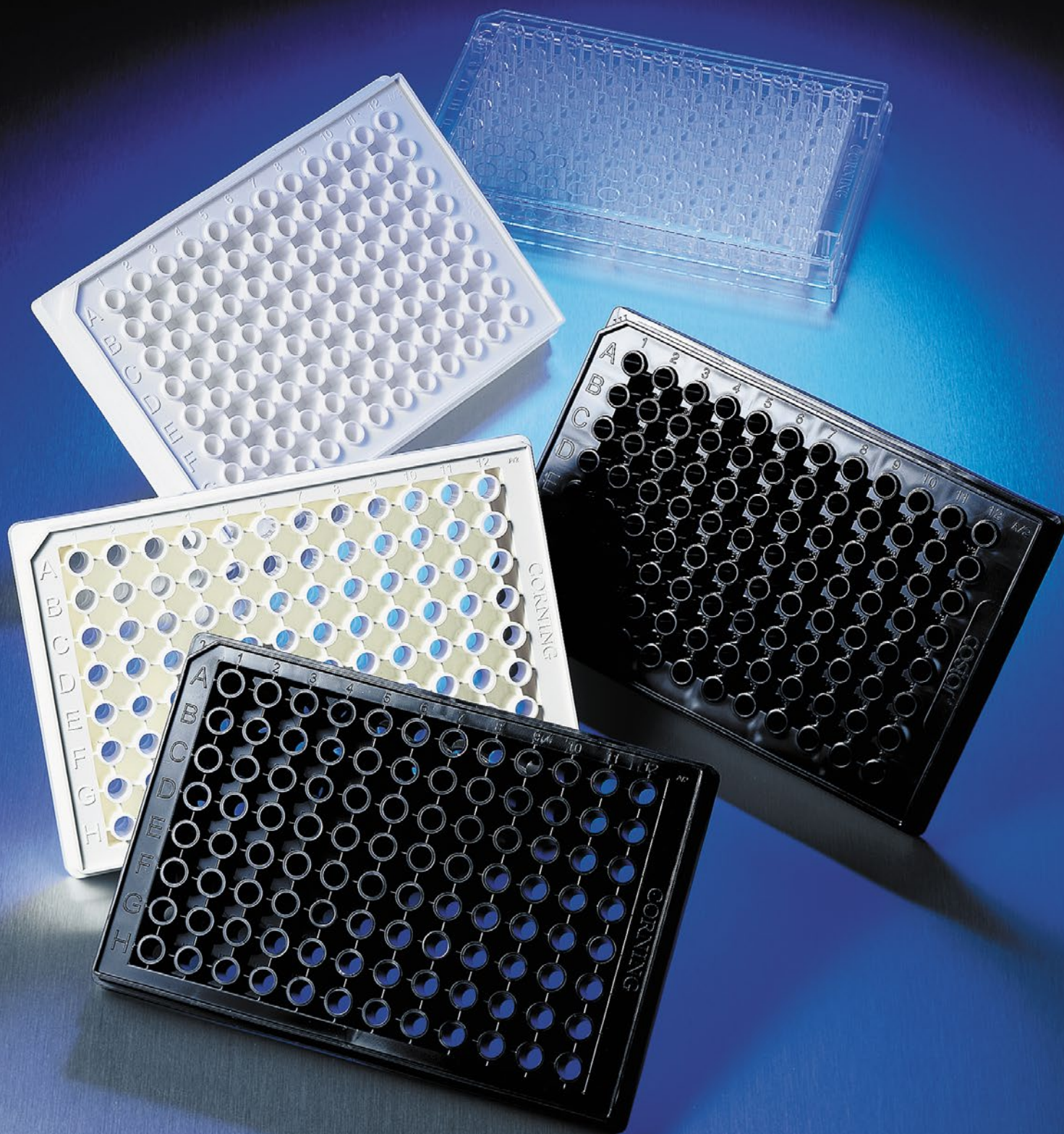


CORNING

# Microplates Product Selection Guide



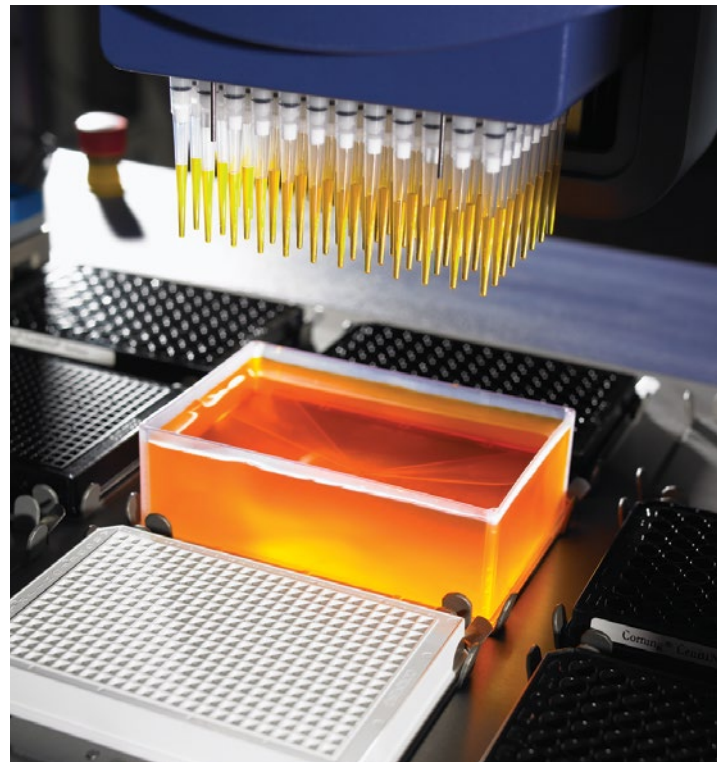
# Overview

## Designed For Performance

Corning has been setting the standard for excellence in life sciences labware for over 85 years. With our comprehensive line of plasticware, including assay products, we continue to be an industry leader. Corning strives for the highest standards in product design and plastics molding.

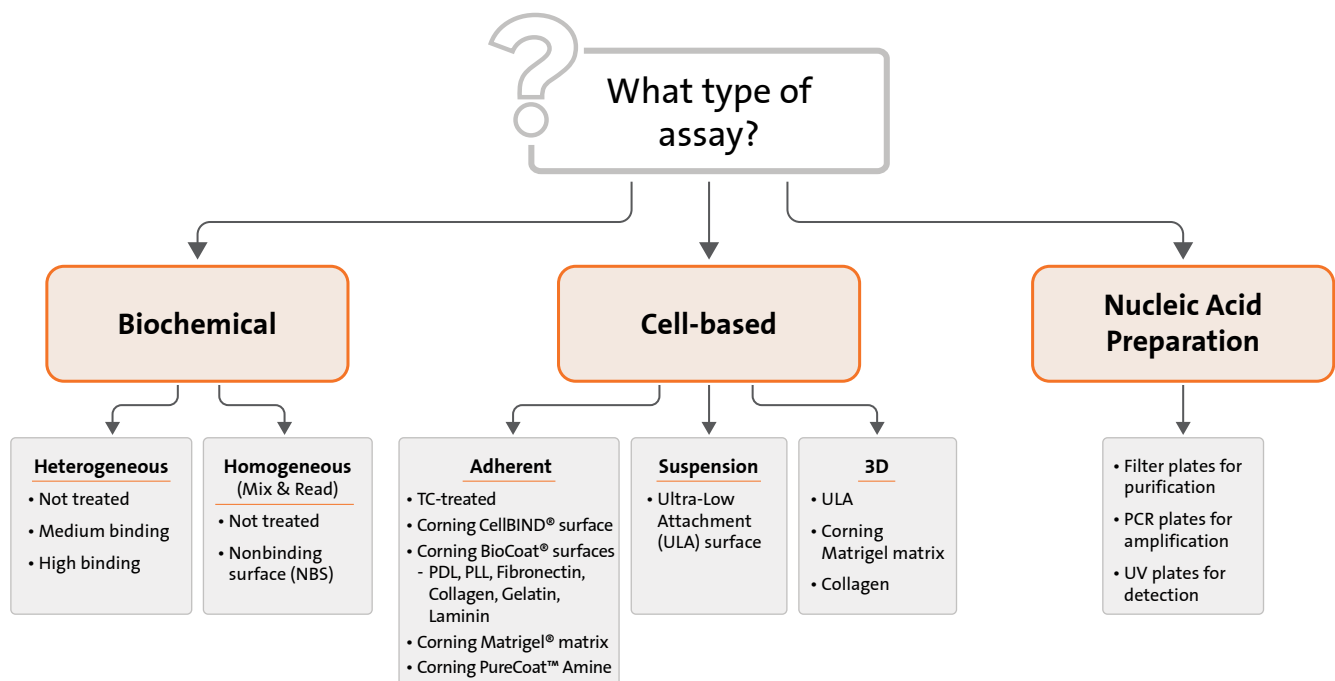
Corning microplates and accessories are manufactured under strict process controls, guaranteeing consistent product performance. Our manufacturing facilities are in compliance with cGMP standards and are ISO 9001 registered.

Customers can request a Certificate of Compliance for any Corning microplate. Also available are detailed product descriptions and drawings that highlight product dimensions and testing procedures. All are available by contacting your local Corning Life Sciences office or visiting [www.corning.com/resources](http://www.corning.com/resources).

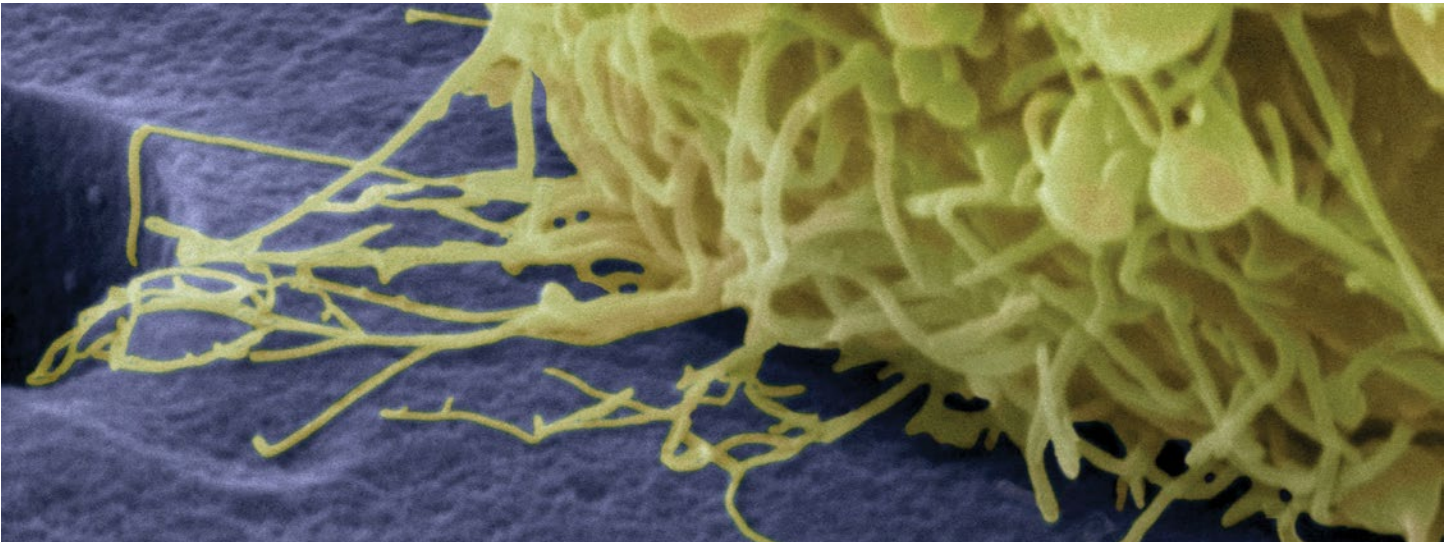


## Microplates Selection Process

The type of assay being performed will determine what kind of surface and/or material is required to generate the desired results. Corning offers microplates with a variety of modified surfaces and material combinations to support the binding or immobilization of cells, proteins, nucleic acids, and other biomolecules.



# Selecting a Microplate: Surface



## Biochemical Assay Surfaces

### Not Treated/Medium Binding Surface

- Hydrophobic
- Ideal for large, hydrophobic biomolecules (>20kD)
- Binding capacity: approx 250 ng IgG/cm<sup>2</sup>

### High Binding Surface

- Hydrophobic and ionic (negatively charged)
- Ideal for positively charged biomolecules (>10kD)
- Binding capacity: approx. 500 ng IgG/cm<sup>2</sup>

### Nonbinding Surface (NBS)

- Non-ionic hydrophilic surface (polyethylene oxide-like)
- Inhibits hydrophobic and ionic interactions to reduce binding
- 95% reduction of nonspecific binding of protein compared to untreated polystyrene
- Enhances signal-to-noise in homogeneous assays

## Cell-based Assay Surfaces

### Tissue Culture (TC)-treated Surface

- Hydrophilic and negatively charged due to incorporation of oxygen ions
- For attachment and growth of anchorage-dependent cell lines

### Corning® CellBIND® Surface

- Hydrophilic and negatively charged
- Enhances cell attachment under difficult conditions
- Quickly adapts cells to reduced serum or serum-free conditions
- Improves overall attachment and yield

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

- Covalently bonded hydrogel to minimize cell attachment, protein absorption, enzyme activation, and cellular activation
- Noncytotoxic, biologically inert
- Ideal for suspension or 3D cell culture applications
- Used on Corning Spheroid microplates

### Corning BioCoat® Surfaces

- Biological coatings of highly purified extracellular matrix (ECM) proteins
- Enhances attachment of transformed cell lines, transfected cells (including HEK-293), as well as a variety of primary and stem cells
- Helps cells stay attached during assay processing
- Produced under aseptic manufacturing conditions to ensure lot-to-lot consistency
- Most are room temperature stable
- Surfaces include Poly-D-Lysine (PDL), Poly-L-Lysine (PLL), Fibronectin, Collagen I, Gelatin, Laminin, and Corning Matrigel® matrix

### Corning PureCoat™ Amine Surfaces

- Hydrophilic and ionic (positively charged)
- Ideal for small negatively charged biomolecules
- For covalent immobilization, use bifunctional crosslinkers

# Selecting a Microplate: Material

## Microplate Material

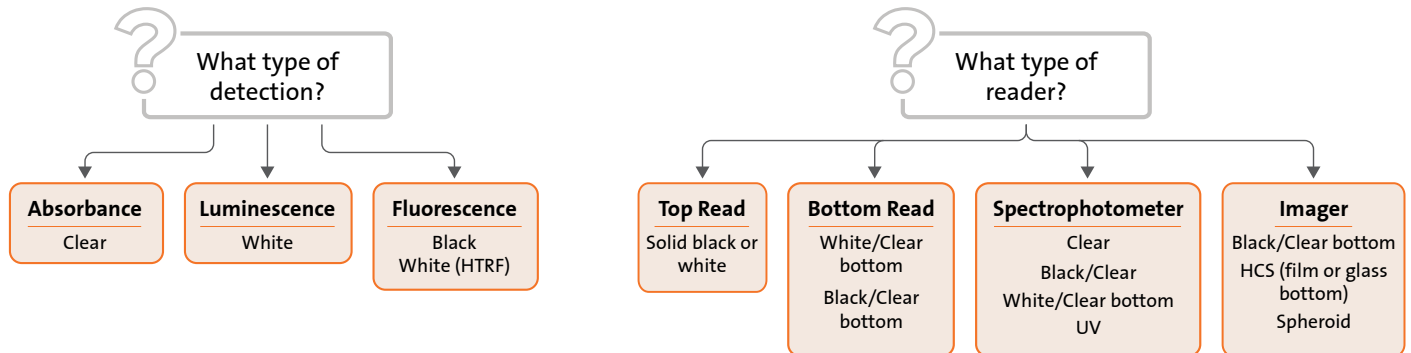
Material	Characteristics
<b>Polystyrene (PS)</b>	<ul style="list-style-type: none"><li>• General usage material with good clarity.</li><li>• Amenable to surface modification and coatings (i.e., High binding, Tissue Culture (TC)-treated, Corning® CellBIND® surface, Poly-D-Lysine (PDL)).</li><li>• Generally used for biochemical and cell-based applications between 0-40°C.</li><li>• Available in clear, black, black/clear, white, white/clear bottom options.</li><li>• Non-sterile and sterile formats available.</li></ul>
<b>Cyclic Olefin Copolymer (COC)</b>	<ul style="list-style-type: none"><li>• High clarity material with refractive index similar to glass (good for high content imaging).</li><li>• Chemically resistant to a wide range of solvents, including dimethyl sulfoxide (DMSO).</li><li>• Amenable to surface modification and coatings (i.e., TC-treated, CellBIND surface, PDL).</li><li>• Wider working temperature range compared to polystyrene.</li><li>• Available in black, black/clear, white options.</li><li>• Good for sensitive assays, especially in 1536-well format.</li><li>• Low birefringence.</li><li>• Non-sterile and sterile formats available.</li></ul>
<b>Polypropylene (PP)</b>	<ul style="list-style-type: none"><li>• Chemically resistant to a wide range of solvents, including DMSO.</li><li>• Mainly available as clear/natural; some black/white formats available.</li><li>• Surfaces are non-treated.</li><li>• Wider working temperature range compared to polystyrene.</li><li>• Primarily used for compound storage and PCR/genomics applications.</li><li>• Non-sterile and sterile formats available.</li></ul>
<b>Glass Bottom</b>	<ul style="list-style-type: none"><li>• Corning Willow® glass is ideal for high content imaging applications.</li><li>• 200µm thickness provides high optical quality and flatness.</li><li>• Scratch resistant.</li><li>• Glass bottom attached to COC microplate body.</li><li>• Usually requires surface coating to support cell attachment (pre-coated options available).</li></ul>
<b>Poly Vinyl Chloride (PVC)</b>	<ul style="list-style-type: none"><li>• Economical for solution-based assays, serial dilutions, and general storage applications.</li><li>• Non-sterile formats available.</li></ul>
<b>Ultra Violet (UV)-transparent</b>	<ul style="list-style-type: none"><li>• UV-transparent film bottom allows for absorbance readings from 260-280 nm for determining protein and/or nucleic acid concentrations.</li><li>• UV film molded onto acrylic body.</li><li>• Non-sterile formats available.</li></ul>
<b>Polycarbonate (PC)</b>	<ul style="list-style-type: none"><li>• High dimensional stability due to its high impact resistance.</li><li>• Excellent optical clarity. Crystal clear transparency aids in real-time visual observation of experiments.</li><li>• Limited chemical resistance.</li></ul>



# Selecting a Microplate: Color/Well Geometry

## Microplate Color and Type

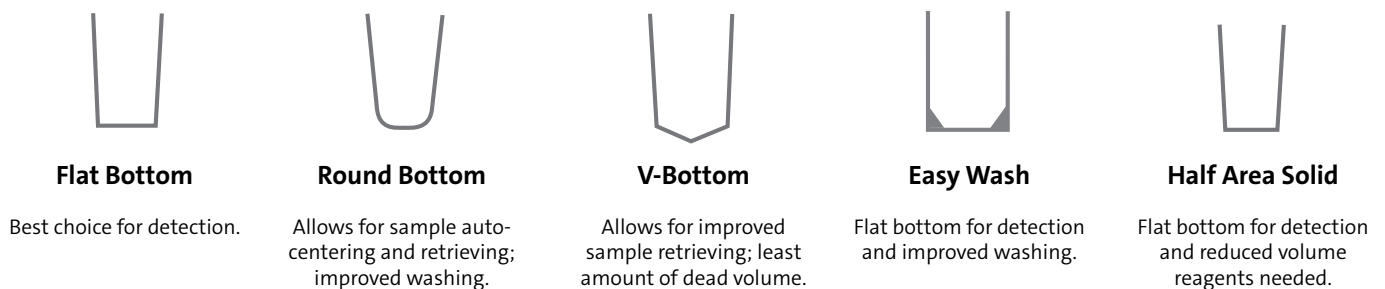
The next thing to consider is how the assay signal/endpoint is captured/quantified (i.e., detection method and reader type), as this will determine what color and microplate type to use for your assay.



Product Color	Characteristics
Clear	Enables absorbance measurements in visible spectrum.
Clear (UV)-Transparent	Enables absorbance measurements in UV range 260-280 nm.
White	Reflects light back into range of the detector, increasing luminescent signal-to-noise ratio and reducing background luminescence.
Black	Reduces background, light scattering, and crosstalk to improve signal-to-noise ratio for fluorescence detection.
White/Clear or Black/Clear Bottom	Opaque walls prevent well-to-well crosstalk. Clear bottom permits microscopic viewing or detection through well bottom.

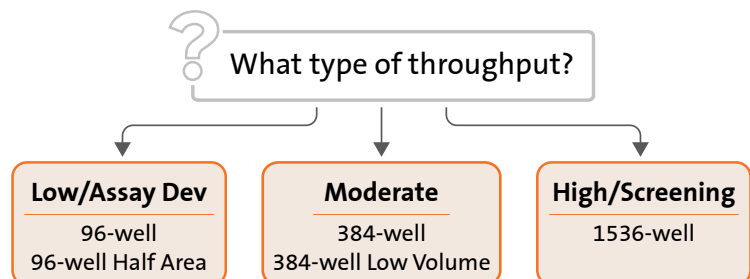
## Microplate Well Geometry

In addition to color, well geometry can impact the assay's signal detection effectiveness.



## Assay Throughput

Finally, knowing what type of assay throughput you need will also help guide product decisions.



# Selecting a Microplate: Format

## Microplate Formats

### Differences in Corning® microplate formats

**96-well standard and half area well geometries?**

Standard	Half area
Volume 360 µL	Volume 190 µL
6.9 mm (height)	5.0 mm (height)
10.7 mm (width)	10.5 mm (width)
6.4 mm (base)	4.5 mm (base)

**384-well standard and low volume well geometries?**

Standard	Low volume, round bottom	Low volume, flat bottom
Volume 112 µL	Volume 35 µL	Volume 50 µL
3.63 mm (height)	3.3 mm (height)	3.3 mm (height)
11.56 mm (width)	6.58 mm (width)	9.39 mm (width)
2.67 mm (base)		2.0 mm (base)

**384-well standard and low flange geometries?**

**1536-well standard vs. without lettering vs. low base?**

**Standard (high base) vs. Standard without lettering (high base) vs. Low base vs. Low base without lettering**

## Summary of Microplate Product Offering

Material	Color	Well Bottom Geometry	96-well			384-well		1536-well
			Standard	A/2	Corning Stripwell™	Standard	Low Volume	Standard
Polystyrene	Clear	Flat	■	■	■	■		
		Round	■					
		V/Conical	■					
		Easy wash	■					
	Black/White	Flat	■	■	■	■	■	■
		Round	■			■	■	
	Black/Clear White/Clear Bottom	Flat	■	■		■	■	■
Cyclic Olefin Copolymer	Black/White	Flat						■
	Black/Clear White/Clear Bottom	Flat		■ <sup>1</sup>		■ <sup>1</sup>		■
Polypropylene	Clear/Natural	Flat	■					
		Round	■			■		
		V/Conical	■			■		
	Black/White	Round	■			■ <sup>2</sup>		
PVC	Clear	Round	■					
UV transparent	Clear	Flat	■	■				

1. Glass or COC film bottom  
2. Black only

# Selecting a Microplate: Bar Code Customization

## Generic Bar Codes

Corning offers a line of generic bar coded microplates to better meet the demands of your screening needs.

- Microplates are made to stock and ready to ship
- Surface identification: The surface treatment of the microplate is identified in the human readable portion of the bar code:
  - NT = Not treated
  - TC = Tissue Culture-treated
  - CB = Corning® CellBIND® surface
  - NBS = Nonbinding surface
- Labels applied to all 4 sides of the microplate ensure usability regardless of scanner location
- Each microplate is specially treated to reduce the impact of static build-up
- Code 128 bar code format ensures compatibility with most bar code scanning and software systems
- Products available with generic bar codes are noted in the selection tables on the following pages

## Custom Designed Bar Codes

Corning's bar coding service provides high quality bar code labels affixed to any side of most Corning microplates.

- Bulk-packaged microplates for ease of use in automated systems
- Standard CODE 128 bar code symbology; others are available upon request (Code 3 of 9 and ITF 2 of 5)
- Even/Odd dual bar coding is available for compatibility with Kalypsys type and UHTS automation systems
- Non-repeatable bar code sequence prevents label duplication
- Solvent resistance to methanol, DMSO, methylene chloride, and ethyl acetate
- Ability to withstand prolonged exposure to temperatures ranging from -80°C to 121°C
- Sample bar coded microplates are provided upon request in order to test compatibility with automated equipment
- Custom items are made-to-order with unique product code created for each request
- Minimum order quantities apply



Generic bar code microplate

## Dependable Durability

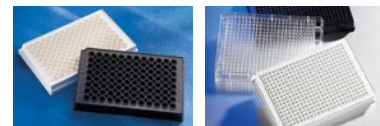
Bar codes have been quality tested for optimal readability, chemical resistance, and temperature variation.

## Expert Advice

Most Corning microplates are suitable for bar code customization. Contact your local Corning Sales Representative for more information regarding custom product code set up, lead times, minimum order quantities, and pricing.

# Biochemical Assays

Corning microplates for biochemical assays come in a variety of surfaces and colors for heterogeneous or homogeneous assay applications.



## MICROPLATES

### NOT TREATED

	Brand	Cat. No.	Well Type	Color	Well Bottom Geometry	Total Well Volume	Surface	Material	Sterile	Lid	Generic Barcode	Qty/ Pk	Qty/ Cs
96-well	Corning®	2797	Standard	Clear	Round	250 µL	Not treated	PVC	-	-	-	25	100
	Falcon®	351177	Standard	Clear	Round	320 µL	Not treated	PS	Yes	Yes**	-	1	50
	Falcon	353910	Standard	Clear	Round	320 µL	Not treated	PS	-	-	-	5	50
	Corning	3367	Standard	Clear	Round	330 µL	Not treated	PS	Yes	-	-	1	50
	Corning	3788	Standard	Clear	Round	330 µL	Not treated	PS	Yes	Yes	-	20	100
	Corning	3797	Standard	Clear	Round	330 µL	Not treated	PS	-	-	-	25	100
	Corning	3795	Standard	Clear	Round	330 µL	Not treated	PS	Yes	-	-	25	100
	Corning	3798 <sup>1</sup>	Standard	Clear	Round	330 µL	Treated	PS	-	-	-	25	100
	Corning	3789A	Standard	White	Round	330 µL	Not treated	PS	-	-	-	25	100
	Corning	3792	Standard	Black	Round	330 µL	Not treated	PS	-	-	-	25	100
	Corning	3896	Standard	Clear	V	320 µL	Not treated	PS	Yes	-	-	1	48
	Corning	3897	Standard	Clear	V	320 µL	Not treated	PS	-	-	-	25	100
	Corning	3897BC <sup>4</sup>	Standard	Clear	V	320 µL	Not treated	PS	-	-	Yes	25	100
	Corning	3898 <sup>1</sup>	Standard	Clear	V	320 µL	Treated	PS	-	-	-	25	100
	Corning	3368	Standard	Clear	Easy Wash	360 µL	Not treated	PS	-	-	-	25	100
	Corning	3591	Standard	Clear	Flat	360 µL	Not treated	PS	-	-	-	1	50
	Corning	3370	Standard	Clear	Flat	360 µL	Not treated	PS	Yes	Yes**	-	20	100
	Corning	9017	Standard	Clear	Flat	360 µL	Not treated	PS	-	-	-	25	100
	Falcon	351172	Standard	Clear	Flat	370 µL	Not treated	PS	Yes	Yes**	-	1	50
	Corning	3912	Standard	White	Flat	360 µL	Not treated	PS	-	-	-	25	100
	Corning	3915	Standard	Black	Flat	360 µL	Not treated	PS	-	-	-	25	100
	Corning	3632	Standard	White/Clear	Flat	360 µL	Not treated	PS	-	-	-	25	100
	Corning	3631	Standard	Black/Clear	Flat	360 µL	Not treated	PS	-	-	-	25	100
	Corning	3615 <sup>2</sup>	Standard	Black/Clear	Flat	360 µL	Not treated	PS	-	-	-	25	100
	Corning	3695	Half area	Clear	Flat	190 µL	Not treated	PS	-	-	-	25	100
	Corning	3693	Half area	White	Flat	190 µL	Not treated	PS	-	-	-	25	100
	Corning	3694	Half area	Black	Flat	190 µL	Not treated	PS	-	-	-	25	100
	Corning	3883	Half area	White/Clear	Flat	190 µL	Not treated	PS	-	-	-	25	100
Corning	3880	Half area	Black/Clear	Flat	190 µL	Not treated	PS	-	-	-	25	100	
384-well	Corning	3680	Standard	Clear	Flat	112 µL	Not treated	PS	Yes	Yes	-	20	100
	Corning	3702	Standard	Clear	Flat	112 µL	Not treated	PS	-	-	-	25	100
	Corning	3702BC	Standard	Clear	Flat	112 µL	Not treated	PS	-	-	Yes	25	100
	Corning	3572	Standard, low flange	White	Flat	112 µL	Not treated	PS	-	-	-	10	50
	Corning	3573	Standard, low flange	Black	Flat	112 µL	Not treated	PS	-	-	-	10	50
	Corning	3763	Standard, low flange	White/Clear	Flat	112 µL	Not treated	PS	-	-	-	25	100
	Corning	3762	Standard, low flange	Black/Clear	Flat	112 µL	Not treated	PS	-	-	-	25	100
	Corning	4512	Low volume	White	Round	35 µL	Not treated	PS	-	-	-	10	50
	Corning	4511	Low volume	Black	Round	35 µL	Not treated	PS	-	-	-	10	50
	Corning	3825	Low volume	White	Flat	112 µL	Not treated	PS	-	-	-	10	50
	Corning	3821	Low volume	Black	Flat	112 µL	Not treated	PS	-	-	-	10	50
	Corning	3821BC	Low volume	Black	Flat	112 µL	Not treated	PS	-	-	Yes	10	50
	Corning	3540	Low volume	Black/Clear	Flat	50 µL	Not treated	PS	-	-	-	10	50

1. Processed to improve hydrophilicity for hemagglutination and similar assays

2. Special optics

4. Made to order (MTO)

\*\*Low evaporation lid



# Biochemical Assays

## MICROPLATES

### NOT TREATED (continued)

	Brand	Cat. No.	Well Type	Color	Well Bottom Geometry	Total Well Volume	Surface	Material	Sterile	Lid	Generic Barcode	Qty/ Pk	Qty/ Cs
1536-well	Corning	3937	Standard	White	Round	10 µL	Not treated	PS	-	-	-	10	50
	Corning	3936	Standard	Black	Round	10 µL	Not treated	PS	-	-	-	10	50
	Corning	3725	Standard	White	Flat	12.8 µL	Not treated	PS	-	-	-	10	50
	Corning	3725BC	Standard	White	Flat	12.8 µL	Not treated	PS	-	-	Yes	10	50
	Corning	3724	Standard	Black	Flat	12.8 µL	Not treated	PS	-	-	-	10	50
	Corning	3724BC	Standard	Black	Flat	12.8 µL	Not treated	PS	-	-	Yes	10	50
	Corning	3891	Standard	Black/Clear	Flat	12.8 µL	Not treated	PS	-	-	-	10	50
	Corning	3891BC <sup>4</sup>	Standard	Black/Clear	Flat	12.8 µL	Not treated	PS	-	-	Yes	10	50
	Corning	7247	Standard, without lettering	White	Flat	12 µL	Not treated	PS	-	-	-	10	50
	Corning	4570	Standard, without lettering	White	Flat	12.5 µL	Not treated	COC	-	-	Yes	10	50
	Corning	7246	Standard, without lettering	Black	Flat	12 µL	Not treated	PS	-	-	-	10	50
	Corning	4565	Standard, without lettering	Black	Flat	12.5 µL	Not treated	COC	-	-	Yes	10	50
	Corning	3831	Standard, low base	Black/Clear	Flat	15.9 µL	Not treated	PS	-	-	-	10	50
	Corning	3835	Standard, low base, without lettering	Black/Clear	Flat	15.9 µL	Not treated	PS	-	-	-	20	100
Corning	4560	Standard, low base, without lettering	Black/Clear	Flat	16.4 µL	Not treated	COC	-	-	Yes	20	100	

### HIGH BINDING

96-well	Corning	3366	Standard	Clear	Round	330 µL	High binding	PS	-	-	-	25	100
	Corning	3369	Standard	Clear	Easy Wash	360 µL	High binding	PS	-	-	-	25	100
	Corning	3590	Standard	Clear	Flat	360 µL	High binding	PS	-	-	-	1	100
	Corning	9018	Standard	Clear	Flat	360 µL	High binding	PS	-	-	-	25	100
	Corning	9018BC	Standard	Clear	Flat	360 µL	High binding	PS	-	-	Yes	25	100
	Corning	3361	Standard	Clear	Flat	360 µL	High binding	PS	Yes	Yes**	-	20	100
	Corning	3922	Standard	White	Flat	360 µL	High binding	PS	-	-	-	25	100
	Corning	3925	Standard	Black	Flat	360 µL	High binding	PS	-	-	-	25	100
	Corning	3601	Standard	Black/Clear	Flat	360 µL	High binding	PS	-	-	-	25	100
	Corning	3690	Half area	Clear	Flat	190 µL	High binding	PS	-	-	-	25	100
384-well	Corning	3700	Standard	Clear	Flat	112 µL	High binding	PS	-	-	-	25	100
	Corning	3576	Standard, low flange	White	Flat	112 µL	High binding	PS	-	-	-	10	50
	Corning	3577	Standard, low flange	Black	Flat	112 µL	High binding	PS	-	-	-	10	50

<sup>4</sup> Made to order (MTO)

\*\*Low evaporation lid

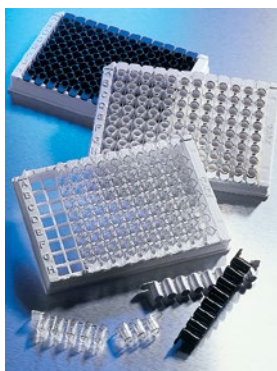
# Biochemical Assays

## MICROPLATES

### NONBINDING SURFACE (NBS)

	Brand	Cat. No.	Well Type	Color	Well Bottom Geometry	Total Well Volume	Surface	Material	Sterile	Lid	Generic Barcode	Qty/ Pk	Qty/ Cs
96-well	Corning	3605	Standard	White	Round	330 µL	NBS	PS	-	-	-	25	100
	Corning	3641	Standard	Clear	Flat	360 µL	NBS	PS	-	-	-	25	100
	Corning	3990	Standard	White	Flat	360 µL	NBS	PS	-	-	-	5	25
	Corning	3600	Standard	White	Flat	360 µL	NBS	PS	-	-	-	25	100
	Corning	3991	Standard	Black	Flat	360 µL	NBS	PS	-	-	-	5	25
	Corning	3650	Standard	Black	Flat	360 µL	NBS	PS	-	-	-	25	100
	Corning	3604	Standard	White/Clear	Flat	360 µL	NBS	PS	-	-	-	25	100
	Corning	3651	Standard	Black/Clear	Flat	360 µL	NBS	PS	-	-	-	25	100
	Corning	3642	Half area	White	Flat	190 µL	NBS	PS	-	-	-	25	100
	Corning	3686	Half area	Black	Flat	190 µL	NBS	PS	-	-	-	25	100
	Corning	3884	Half area	White/Clear	Flat	190 µL	NBS	PS	-	-	-	25	100
	Corning	3881	Half area	Black/Clear	Flat	190 µL	NBS	PS	-	-	-	25	100
384-well	Corning	3640	Standard	Clear	Flat	112 µL	NBS	PS	-	-	-	25	100
	Corning	3574	Standard, low flange	White	Flat	112 µL	NBS	PS	-	-	-	10	50
	Corning	3574BC	Standard, low flange	White	Flat	112 µL	NBS	PS	-	-	Yes	10	50
	Corning	3575	Standard, low flange	Black	Flat	112 µL	NBS	PS	-	-	-	10	50
	Corning	3575BC	Standard, low flange	Black	Flat	112 µL	NBS	PS	-	-	Yes	10	50
	Corning	3767	Standard, low flange	White/Clear	Flat	112 µL	NBS	PS	-	-	-	25	100
	Corning	3766	Standard, low flange	Black/Clear	Flat	112 µL	NBS	PS	-	-	-	25	100
	Corning	4513	Low volume	White	Round	35 µL	NBS	PS	-	-	-	10	50
	Corning	4514	Low volume	Black	Round	35 µL	NBS	PS	-	-	-	10	50
	Corning	3824	Low volume	White	Flat	112 µL	NBS	PS	-	-	-	10	50
	Corning	3824BC	Low volume	White	Flat	112 µL	NBS	PS	-	-	Yes	10	50
	Corning	3820	Low volume	Black	Flat	112 µL	NBS	PS	-	-	-	10	50
Corning	3544	Low volume	Black/Clear	Flat	50 µL	NBS	PS	-	-	-	10	50	
1536-well	Corning	4572	Standard	White	Flat	12.5 µL	NBS	COC	-	-	Yes	10	50
	Corning	3729	Standard	White	Flat	12.8 µL	NBS	PS	-	-	-	10	50
	Corning	3729BC	Standard	White	Flat	12.8 µL	NBS	PS	-	-	-	10	50
	Corning	4567	Standard	Black	Flat	12.5 µL	NBS	COC	-	-	Yes	10	50
	Corning	3728	Standard	Black	Flat	12.8 µL	NBS	PS	-	-	-	10	50
	Corning	3728BC	Standard	Black	Flat	12.8 µL	NBS	PS	-	-	Yes	10	50
	Corning	3895	Standard	Black/Clear	Flat	12.8 µL	NBS	PS	-	-	-	10	50

## STRIPWELL MICROPLATES



### Corning® Stripwell™ Microplates

Corning Stripwell microplates are designed for *in vitro* diagnostic assays and are available as 1 x 8 strips, pre-assembled in an “egg crate” style holder.

- Strips fit in a single direction, eliminating the chance of misorientation in the holder.
- Unique low volume formats are also available to reduce reagent consumption.

Color coding options are available as Made to Order (MTO) items; one color per plate; available colors noted in product tables; minimum order quantity applies.

#### Custom Colors

- White
- Dark blue
- Light green
- Dark green
- Orange
- Red

### MEDIUM BINDING/NOT TREATED

	Brand	Cat. No.	Well Type	Color	Well Bottom Geometry	Total Well Volume	Surface	Material	Sterile	Lid	Generic Barcode	Qty/ Pk	Qty/ Cs
96-well	Corning	2593	Standard	Clear	Flat	360 µL	Medium binding	PS	-	-	-	25	100
	Corning	9542 <sup>3,4</sup>	Standard	Clear/Red	Flat	360 µL	Medium binding	PS	-	-	-	25	100
	Corning	9543 <sup>3,4</sup>	Standard	Clear/Orange	Flat	360 µL	Medium binding	PS	-	-	-	25	100
	Corning	9545 <sup>3,4</sup>	Standard	Clear/Dark Green	Flat	360 µL	Medium binding	PS	-	-	-	25	100
	Corning	9546 <sup>3,4</sup>	Standard	Clear/Light Green	Flat	360 µL	Medium binding	PS	-	-	-	25	100
	Corning	9549 <sup>3,4</sup>	Standard	Clear/Dark Blue	Flat	360 µL	Medium binding	PS	-	-	-	25	100

### HIGH BINDING

96-well	Corning	2580*	Standard	Clear	Flat	360 µL	High binding	PS	-	-	-	200	800
	Corning	2590* <sup>4</sup>	Standard	White	Flat	360 µL	High binding	PS	-	-	-	200	800
	Corning	2592	Standard	Clear	Flat	360 µL	High binding	PS	-	-	-	25	100
	Corning	9459 <sup>3,4</sup>	Standard	Clear/Red	Flat	360 µL	High binding	PS	-	-	-	25	100
	Corning	94601 <sup>3,4</sup>	Standard	Clear/Orange	Flat	360 µL	High binding	PS	-	-	-	25	100
	Corning	94621 <sup>3,4</sup>	Standard	Clear/Dark Green	Flat	360 µL	High binding	PS	-	-	-	25	100
	Corning	9466 <sup>3,4</sup>	Standard	Clear/Dark Blue	Flat	360 µL	High binding	PS	-	-	-	25	100
	Corning	9469 <sup>3,4</sup>	Standard	Clear/White	Flat	360 µL	High binding	PS	-	-	-	25	100
	Corning	3923	Standard	White	Flat	360 µL	High binding	PS	-	-	-	25	100
	Corning	3924	Standard	Black	Flat	360 µL	High binding	PS	-	-	-	25	100
	Corning	2481	Half area	Clear	Flat	190 µL	High binding	PS	-	-	-	25	100
	Corning	2485	Half area	White	Flat	190 µL	High binding	PS	-	-	-	25	100
	Corning	2483	Half area	Black	Flat	190 µL	High binding	PS	-	-	-	25	100

3. Color stamped

4. Made to order (MTO)

\*Bulk packed loose strips without the egg crate

# Cell-based Assays

Corning microplates for cell-based assays come in a variety of surface treatments, colors, and formats to support a wide variety of cell types and applications.

## Product Highlights

**Corning Spheroid microplates combine the Corning Ultra-low attachment (ULA) surface with a novel well geometry/design for generating and analyzing 3D multicellular spheroids within the same microplate.**

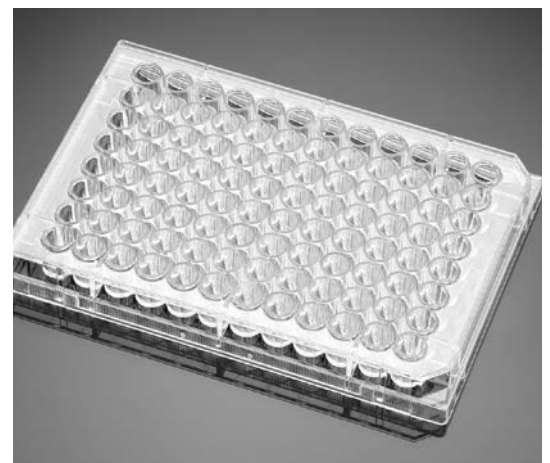
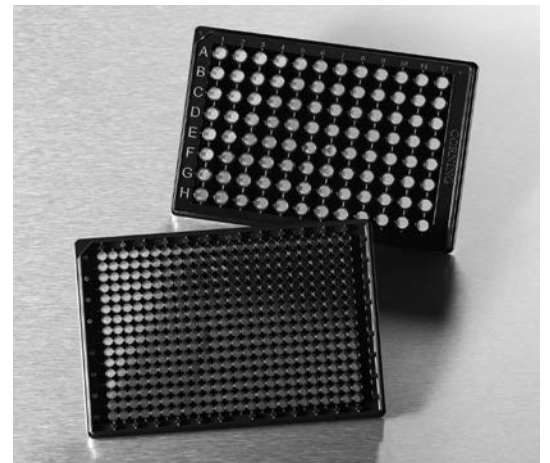
- Optically clear round bottom wells with black opaque body prevents crosstalk to generate a uniform, single spheroid in all wells.
- Enables culture and assay of spheroids in the same microplate without the need to transfer to a new microplate.
- Available in 96-, 384-, and 1536-well formats for automation and scale up needs.

**Corning High Content Screening microplates combine Corning's molding and materials expertise to produce an optically clear surface with superior flatness ideal for high content screening and imaging applications.**

- Glass bottom formats are produced using Corning Willow® glass with 200 µm bottom thickness.
- Cyclic olefin copolymer (COC) film bottom formats possess a similar refractive index to glass and can be TC-treated.
- Low base COC film bottom versions are available for use with high magnification objectives.

**Corning® BioCoat® microplates combine standard Corning microplate offerings with biological coatings of highly purified extracellular matrix (ECM) proteins.**

- Enhances attachment of transformed cell lines, transfected cells (including HEK-293), and a variety of primary and stem cells to help cells stay attached during assay processing.
- Most are room temperature stable.



# Cell-based Assays

## MICROPLATES

### TISSUE CULTURE-TREATED

	Brand	Cat. No.	Well Type	Color	Well Bottom Geometry	Total Well Volume	Surface	Material	Sterile	Lid	Generic Barcode	Qty/ Pk	Qty/ Cs
96-well	Falcon	353077	Standard	Clear	Round	320 µL	TC-treated	PS	Yes	Yes**	-	1	50
	Falcon	353227	Standard	Clear	Round	320 µL	TC-treated	PS	Yes	Yes**	-	5	50
	Corning	3799	Standard	Clear	Round	330 µL	TC-treated	PS	Yes	Yes	-	1	50
	Corning	3358	Standard	Clear	Round	330 µL	TC-treated	PS	Yes	-	-	20	100
	Corning	3360	Standard	Clear	Round	330 µL	TC-treated	PS	Yes	-	-	25	100
	Corning	3894	Standard	Clear	V	320 µL	TC-treated	PS	Yes	Yes	-	1	50
	Corning	3595	Standard	Clear	Flat	360 µL	TC-treated	PS	Yes	Yes**	-	1	50
	Corning	3585	Standard	Clear	Flat	360 µL	TC-treated	PS	Yes	Yes**	-	5	50
	Corning	3628	Standard	Clear	Flat	360 µL	TC-treated	PS	Yes	Yes**	-	20	100
	Corning	3628BC	Standard	Clear	Flat	360 µL	TC-treated	PS	Yes	Yes**	Yes	20	100
	Corning	3596	Standard	Clear	Flat	360 µL	TC-treated	PS	Yes	Yes	-	1	50
	Corning	3599	Standard	Clear	Flat	360 µL	TC-treated	PS	Yes	Yes	-	1	100
	Corning	3598	Standard	Clear	Flat	360 µL	TC-treated	PS	Yes	Yes	-	5	100
	Corning	3997	Standard	Clear	Flat	360 µL	TC-treated	PS	Yes	Yes**	-	10	50
	Falcon	353072	Standard	Clear	Flat	370 µL	TC-treated	PS	Yes	Yes**	-	1	50
	Falcon	353075	Standard	Clear	Flat	370 µL	TC-treated	PS	Yes	Yes**	-	5	50
	Falcon	353936	Standard	Clear	Flat	370 µL	TC-treated	PS	Yes	Yes**	-	14	84
	Falcon	353916	Standard	Clear	Flat	370 µL	TC-treated	PS	Yes	Yes**	-	25	100
	Falcon	353296	Standard	White	Flat	300 µL	TC-treated	PS	Yes	Yes**	-	5	50
	Corning	3917	Standard	White	Flat	360 µL	TC-treated	PS	Yes	Yes	-	20	100
	Corning	3362	Standard	White	Flat	360 µL	TC-treated	PS	Yes	-	-	25	100
	Corning	3916	Standard	Black	Flat	360 µL	TC-treated	PS	Yes	Yes	-	20	100
	Falcon	353376	Standard	Black	Flat	392 µL	TC-treated	PS	Yes	Yes	-	8	32
	Corning	3610	Standard	White/Clear	Flat	360 µL	TC-treated	PS	Yes	Yes	-	1	48
	Corning	3903	Standard	White/Clear	Flat	360 µL	TC-treated	PS	Yes	Yes	-	20	100
	Falcon	353377	Standard	White/Clear	Flat	392 µL	TC-treated	PS	Yes	Yes	-	8	32
	Corning	3603	Standard	Black/Clear	Flat	360 µL	TC-treated	PS	Yes	Yes	-	1	48
	Corning	3904	Standard	Black/Clear	Flat	360 µL	TC-treated	PS	Yes	Yes	-	20	100
	Corning	3904BC	Standard	Black/Clear	Flat	360 µL	TC-treated	PS	Yes	Yes	Yes	20	100
	Corning	3614 <sup>2</sup>	Standard	Black/Clear	Flat	360 µL	TC-treated	PS	Yes	-	-	25	100
	Falcon	353219	Standard	Black/Clear	Flat	392 µL	TC-treated	PS	Yes	Yes	-	8	32
	Corning	3696	Half area	Clear	Flat	190 µL	TC-treated	PS	Yes	Yes	-	1	50
	Corning	3697	Half area	Clear	Flat	190 µL	TC-treated	PS	Yes	Yes	-	20	100
	Corning	3688	Half area	White	Flat	190 µL	TC-treated	PS	Yes	Yes	-	20	100
	Corning	3875	Half area	Black	Flat	190 µL	TC-treated	PS	Yes	Yes	-	20	100
	Corning	3885	Half area	White/Clear	Flat	190 µL	TC-treated	PS	Yes	Yes	-	20	100
Corning	3886 <sup>4</sup>	Half area	White/Clear	Flat	190 µL	TC-treated	PS	Yes	-	-	25	100	
Corning	3882	Half area	Black/Clear	Flat	190 µL	TC-treated	PS	Yes	Yes	-	20	100	
Corning	3887A <sup>4</sup>	Half area	Black/Clear	Flat	190 µL	TC-treated	PS	Yes	-	-	25	100	

2. Special optics

4. Made to order (MTO)

\*\*Low evaporation lid

# Cell-based Assays

## MICROPLATES

### TISSUE CULTURE-TREATED (continued)

	Brand	Cat. No.	Well Type	Color	Well Bottom Geometry	Total Well Volume	Surface	Material	Sterile	Lid	Generic Barcode	Qty/ Pk	Qty/ Cs
384-well	Corning	3701	Standard	Clear	Flat	112 µL	TC-treated	PS	Yes	Yes	-	20	100
	Corning	3985 <sup>5</sup>	Standard	Black/Clear	Flat	112 µL	TC-treated	PS	Yes	Yes	-	20	100
	Corning	3985BC <sup>4,5</sup>	Standard	Black/Clear	Flat	112 µL	TC-treated	PS	Yes	Yes	Yes	20	100
	Falcon	353962	Standard	Black/Clear	Flat	131 µL	TC-treated	PS	Yes	Yes	-	5	50
	Corning	3570	Standard, low flange	White	Flat	112 µL	TC-treated	PS	Yes	Yes	-	10	50
	Corning	3570BC	Standard, low flange	White	Flat	112 µL	TC-treated	PS	Yes	Yes	Yes	10	50
	Corning	3571	Standard, low flange	Black	Flat	112 µL	TC-treated	PS	Yes	Yes	-	10	50
	Corning	3571BC	Standard, low flange	Black	Flat	112 µL	TC-treated	PS	Yes	Yes	Yes	10	50
	Corning	3765	Standard, low flange	White/Clear	Flat	112 µL	TC-treated	PS	Yes	Yes	-	20	100
	Corning	3764	Standard, low flange	Black/Clear	Flat	112 µL	TC-treated	PS	Yes	Yes	-	20	100
	Corning	3764BC	Standard, low flange	Black/Clear	Flat	112 µL	TC-treated	PS	Yes	Yes	Yes	20	100
	Falcon	353961	Standard, low flange	Clear	Flat	131 µL	TC-treated	PS	Yes	Yes	-	5	50
	Falcon	353988	Standard, low flange	White	Flat	131 µL	TC-treated	PS	Yes	Yes	-	5	50
	Falcon	353963	Standard, low flange	White/Clear	Flat	131 µL	TC-treated	PS	Yes	Yes	-	5	50
	Corning	3826	Low volume	White	Flat	112 µL	TC-treated	PS	Yes	Yes	-	10	50
	Corning	3822	Low volume	Black	Flat	112 µL	TC-treated	PS	Yes	Yes	-	10	50
	Corning	3542	Low volume	Black/Clear	Flat	50 µL	TC-treated	PS	Yes	Yes	-	10	50
1536-well	Corning	3727	Standard	White	Flat	12.8 µL	TC-treated	PS	Yes	Yes	-	10	50
	Corning	3727BC	Standard	White	Flat	12.8 µL	TC-treated	PS	Yes	Yes	Yes	10	50
	Corning	3726	Standard	Black	Flat	12.8 µL	TC-treated	PS	Yes	-	-	10	50
	Corning	3726BC	Standard	Black	Flat	12.8 µL	TC-treated	PS	Yes	-	Yes	10	50
	Corning	3893	Standard	Black/Clear	Flat	12.8 µL	TC-treated	PS	Yes	Yes	-	10	50
	Corning	3893BC	Standard	Black/Clear	Flat	12.8 µL	TC-treated	PS	Yes	Yes	Yes	10	50
	Corning	7249	Standard, without lettering	White	Flat	12.0 µL	TC-treated	PS	Yes	Yes	-	10	50
	Corning	4571	Standard, without lettering	White	Flat	12.5 µL	TC-treated	COC	Yes	-	Yes	10	50
	Corning	4571BC	Standard, without lettering	White	Flat	12.5 µL	TC-treated	COC	Yes	Yes	Yes	10	50
	Corning	7248	Standard, without lettering	Black	Flat	12.0 µL	TC-treated	PS	Yes	Yes	-	10	50
	Corning	4566	Standard, without lettering	Black	Flat	12.5 µL	TC-treated	COC	Yes	-	Yes	10	50
	Corning	3838	Standard, low base	Black/Clear	Flat	15.9 µL	TC-treated	PS	Yes	Yes	-	10	50
	Corning	3838BC	Standard, low base	Black/Clear	Flat	15.9 µL	TC-treated	PS	Yes	Yes	Yes	10	50
	Corning	3836	Standard, low base, without lettering	Black/Clear	Flat	15.9 µL	TC-treated	PS	Yes	-	-	20	100
	Corning	4561	Standard, low base, without lettering	Black/Clear	Flat	16.4 µL	TC-treated	COC	Yes	-	Yes	20	100

4. Made to order (MTO)

5. Optical imaging plate

# Cell-based Assays

## ENHANCED SURFACE AND COATED MICROPLATES

### CORNING® CELLBIND® SURFACE

	Brand	Cat. No.	Well Type	Color	Well Bottom Geometry	Total Well Volume	Surface	Material	Sterile	Lid	Generic Barcode	Qty/ Pk	Qty/ Cs
96-well	Corning	3300	Standard	Clear	Flat	360 µL	CellBIND	PS	Yes	Yes	-	5	50
	Corning	3809 <sup>4</sup>	Standard	White/Clear	Flat	360 µL	CellBIND	PS	Yes	Yes	-	20	100
	Corning	3340	Standard	Black/Clear	Flat	360 µL	CellBIND	PS	Yes	Yes	-	5	50
384-well	Corning	4579	Standard	Clear	Flat	112 µL	CellBIND	PS	Yes	Yes	-	20	100
	Corning	3770	Standard, low flange	Black/Clear	Flat	112 µL	CellBIND	PS	Yes	Yes	-	20	100
	Corning	3770BC	Standard, low flange	Black/Clear	Flat	112 µL	CellBIND	PS	Yes	Yes	Yes	20	100
1536-well	Corning	3731BC <sup>4</sup>	Standard	White	Flat	12.8 µL	CellBIND	PS	Yes	-	Yes	10	50
	Corning	4573	Standard, without lettering	White	Flat	12.5 µL	CellBIND	COC	Yes	-	Yes	10	50
	Corning	3832 <sup>4</sup>	Standard, low base	Black/Clear	Flat	15.9 µL	CellBIND	PS	Yes	Yes	-	10	50
	Corning	3832BC <sup>4</sup>	Standard, low base	Black/Clear	Flat	15.9 µL	CellBIND	PS	Yes	Yes	Yes	10	50
	Corning	3833	Standard, low base, without lettering	Black/Clear	Flat	15.9 µL	CellBIND	PS	Yes	-	-	20	100
	Corning	4563	Standard, low base, without lettering	Black/Clear	Flat	16.4 µL	CellBIND	COC	Yes	-	Yes	20	100

### ULTRA-LOW ATTACHMENT (ULA)

96-well	Corning	7007	Standard	Clear	Round	330 µL	ULA	PS	Yes	Yes	-	1	24
	Corning	4591	Standard	Black	Round	330 µL	ULA	PS	Yes	Yes	-	1	24
	Corning	3474	Standard	Clear	Flat	360 µL	ULA	PS	Yes	Yes	-	1	24
384-well	Corning	4588	Standard	Black/Clear	Flat	112 µL	ULA	PS	Yes	Yes	-	20	100

### COLLAGEN I / COLLAGEN IV

96-well	Corning	354429	Standard	Clear	Flat	370 µL	BioCoat® Collagen IV	PS	-	Yes	-	1	50
	Corning	354407	Standard	Clear	Flat	370 µL	BioCoat Collagen I	PS	-	Yes	-	5	5
	Corning	356407	Standard	Clear	Flat	370 µL	BioCoat Collagen I	PS	-	Yes	-	5	50
	Corning	356698	Standard	Clear	Flat	370 µL	BioCoat Collagen I	PS	-	Yes	-	20	80
	Corning	354519	Standard	White	Flat	300 µL	BioCoat Collagen I	PS	-	Yes	-	5	5
	Corning	356519	Standard	White	Flat	300 µL	BioCoat Collagen I	PS	-	Yes	-	5	50
	Corning	354650	Standard	White/Clear	Flat	392 µL	BioCoat Collagen I	PS	-	Yes	-	5	5
	Corning	356650	Standard	White/Clear	Flat	392 µL	BioCoat Collagen I	PS	-	Yes	-	5	50
	Corning	354649	Standard	Black/Clear	Flat	392 µL	BioCoat Collagen I	PS	-	Yes	-	5	5
	Corning	356649	Standard	Black/Clear	Flat	392 µL	BioCoat Collagen I	PS	-	Yes	-	5	50

4. Made to order (MTO)

# Cell-based Assays

## ENHANCED SURFACE AND COATED MICROPLATES

### COLLAGEN I / COLLAGEN IV (continued)

	Brand	Cat. No.	Well Type	Color	Well Bottom Geometry	Total Well Volume	Surface	Material	Sterile	Lid	Generic Barcode	Qty/ Pk	Qty/ Cs
384-well	Corning	354666	Standard	Clear	Flat	131 µL	BioCoat® Collagen I	PS	Yes	Yes	-	5	5
	Corning	356666	Standard	Clear	Flat	131 µL	BioCoat Collagen I	PS	Yes	Yes	-	5	50
	Corning	354665	Standard	White	Flat	131 µL	BioCoat Collagen I	PS	Yes	Yes	-	5	5
	Corning	356665	Standard	White	Flat	131 µL	BioCoat Collagen I	PS	Yes	Yes	-	5	50
	Corning	354664	Standard	White/Clear	Flat	131 µL	BioCoat Collagen I	PS	Yes	Yes	-	5	5
	Corning	356664	Standard	White/Clear	Flat	131 µL	BioCoat Collagen I	PS	Yes	Yes	-	5	50
	Corning	4690	Standard	Black/Clear	Flat	112 µL	Collagen	PS	-	Yes	-	20	100
	Corning	354667	Standard	Black/Clear	Flat	131 µL	BioCoat Collagen I	PS	-	Yes	-	5	5
	Corning	356667	Standard	Black/Clear	Flat	131 µL	BioCoat Collagen I	PS	-	Yes	-	5	50
	Corning	356705	Standard	Black/Clear	Flat	131 µL	BioCoat Collagen I	PS	-	Yes	-	20	80
1536-well	Corning	3549	Standard	White	Flat	12.8 µL	Collagen	PS	-	Yes	-	10	50
	Corning	7467	Standard	Black/Clear	Flat	15.9 µL	Collagen	PS	-	-	-	10	50

### FIBRONECTIN

96-well	Corning	354409	Standard	Clear	Flat	370 µL	BioCoat Fibronectin	PS	-	Yes	-	1	5
	Corning	4594	Standard	Black /Clear	Flat	360 µL	Fibronectin	PS	-	-	-	20	100
384-well	Corning	3847	Standard	Clear	Flat	112 µL	Fibronectin	PS	-	Yes	-	20	100
	Corning	4596	Standard, low flange	Black/Clear	Flat	112 µL	Fibronectin	PS	-	Yes	-	20	100
1536-well	Corning	3859BC <sup>4</sup>	Standard	Black	Flat	12.8 µL	Fibronectin	PS	-	-	Yes	10	50

### GELATIN

96-well	Corning	354689	Standard	Clear	Flat	370 µL	BioCoat Gelatin	PS	-	Yes	-	1	5
	Corning	356689	Standard	Clear	Flat	370 µL	BioCoat Gelatin	PS	-	Yes	-	1	50

### LAMININ / LAYERED LAMININ

96-well	Corning	354410	Standard	Clear	Flat	370 µL	BioCoat Laminin	PS	-	Yes	-	1	5
	Corning	354596	Standard	Clear	Flat	370 µL	BioCoat Laminin/PDL	PS	-	Yes	-	1	5
	Corning	354657	Standard	Clear	Flat	370 µL	BioCoat Laminin/PLO	PS	-	Yes	-	1	5

### CORNING® MATRIGEL® MATRIX

96-well	Corning	354607	Standard	Clear	Flat	370 µL	BioCoat Matrigel matrix	PS	-	Yes	-	5	5
	Corning	356259	Standard	Black/Clear	Flat	392 µL	Matrigel matrix	PS	-	Yes	-	1	1
384-well	Corning	356258	Standard	White/Clear	Flat	131 µL	Matrigel matrix	PS	-	Yes	-	1	1
	Corning	356257	Standard	White/Clear	Flat	131 µL	Matrigel matrix	PS	-	Yes	-	1	5
	Corning	356256	Standard	Black/Clear	Flat	131 µL	Matrigel matrix	PS	-	Yes	-	1	5

4. Made to order (MTO) Surface:  
PDL = Poly-D-Lysine  
PLO = Poly-L-Ornithine



# Cell-based Assays

## ENHANCED SURFACE AND COATED MICROPLATES

### POLY-D-LYSINE (PDL)

	Brand	Cat. No.	Well Type	Color	Well Bottom Geometry	Total Well Volume	Surface	Material	Sterile	Lid	Generic Barcode	Qty/ Pk	Qty/ Cs
96-well	Corning	3841	Standard	Clear	Flat	360 µL	PDL	PS	Yes	Yes	-	20	100
	Corning	354461	Standard	Clear	Flat	370 µL	BioCoat® PDL	PS	-	Yes	-	5	5
	Corning	356461	Standard	Clear	Flat	370 µL	BioCoat PDL	PS	-	Yes	-	5	50
	Corning	356690	Standard	Clear	Flat	370 µL	BioCoat PDL	PS	-	Yes	-	20	80
	Corning	354620	Standard	White	Flat	300 µL	BioCoat PDL	PS	-	Yes	-	5	5
	Corning	356620	Standard	White	Flat	300 µL	BioCoat PDL	PS	-	Yes	-	5	50
	Corning	3843	Standard	White/Clear	Flat	360 µL	PDL	PS	Yes	Yes	-	20	100
	Corning	354651	Standard	White/Clear	Flat	392 µL	BioCoat PDL	PS	-	Yes	-	5	5
	Corning	356651	Standard	White/Clear	Flat	392 µL	BioCoat PDL	PS	-	Yes	-	5	50
	Corning	3842	Standard	Black/Clear	Flat	360 µL	PDL	PS	Yes	Yes	-	20	100
	Corning	354640	Standard	Black/Clear	Flat	392 µL	BioCoat PDL	PS	-	Yes	-	5	5
	Corning	356640	Standard	Black/Clear	Flat	392 µL	BioCoat PDL	PS	-	Yes	-	5	50
384-well	Corning	3844	Standard	Clear	Flat	112 µL	PDL	PS	Yes	Yes	-	20	100
	Corning	354662	Standard	Clear	Flat	131 µL	BioCoat PDL	PS	-	Yes	-	5	5
	Corning	356662	Standard	Clear	Flat	131 µL	BioCoat PDL	PS	-	Yes	-	5	50
	Corning	354661	Standard	White	Flat	131 µL	BioCoat PDL	PS	-	Yes	-	5	5
	Corning	356661	Standard	White	Flat	131 µL	BioCoat PDL	PS	-	Yes	-	5	50
	Corning	354660	Standard	White/Clear	Flat	131 µL	BioCoat PDL	PS	-	Yes	-	5	5
	Corning	356660	Standard	White/Clear	Flat	131 µL	BioCoat PDL	PS	-	Yes	-	5	50
	Corning	354663	Standard	Black/Clear	Flat	131 µL	BioCoat PDL	PS	-	Yes	-	5	5
	Corning	356663	Standard	Black/Clear	Flat	131 µL	BioCoat PDL	PS	-	Yes	-	5	50
	Corning	356697	Standard	Black/Clear	Flat	131 µL	BioCoat PDL	PS	-	Yes	-	20	80
	Corning	3769	Standard, low flange	White/Clear	Flat	112 µL	PDL	PS	Yes	Yes	-	20	100
	Corning	3768	Standard, low flange	Black/Clear	Flat	112 µL	PDL	PS	Yes	Yes	-	20	100
Corning	3643	Low volume	Black/Clear	Flat	50 µL	PDL	PS	Yes	-	-	10	50	
1536-well	Corning	3839BC	Standard, low base	Black/Clear	Flat	15.9 µL	PDL	PS	-	Yes	Yes	10	50
	Corning	359387 <sup>4</sup>	Standard, low base	Black/Clear	Flat	15.9 µL	BioCoat PDL	PS	-	Yes	Yes	1	n/a
	Corning	4564	Standard, low base, without lettering	Black/Clear	Flat	16.4 µL	PDL	COC	-	-	Yes	20	100

### POLY-L-LYSINE (PLL)

96-well	Corning	354516	Standard	Clear	Flat	370 µL	BioCoat PLL	PS	-	Yes	-	5	5
	Corning	356516	Standard	Clear	Flat	370 µL	BioCoat PLL	PS	-	Yes	-	5	50

### CORNING® PURECOAT®

96-well	Corning	354717	Standard	Black/Clear	Flat	392 µL	Amine	PS	Yes	Yes	-	5	5
	Corning	356717	Standard	Black/Clear	Flat	392 µL	Amine	PS	Yes	Yes	-	5	50
384-well	Corning	354719	Standard	Black/Clear	Flat	131 µL	Amine	PS	Yes	Yes	-	5	5
	Corning	356719	Standard	Black/Clear	Flat	131 µL	Amine	PS	Yes	Yes	-	5	50

4. Made to order (MTO)

# Cell-based Assays

## SPHEROID MICROPLATES

### ULTRA-LOW ATTACHMENT (ULA)

	Brand	Cat. No.	Well Type	Color	Well Bottom Geometry	Total Well Volume	Surface	Material	Sterile	Lid	Generic Barcode	Qty/Pk	Qty/Cs
96-well	Corning	4515	Standard	Black/Clear	Round	300 µL	ULA	PS	Yes	Yes	-	1	5
	Corning	4520	Standard	Black/Clear	Round	300 µL	ULA	PS	Yes	Yes	-	10	50
384-well	Corning	4516	Standard	Black/Clear	Round	90 µL	ULA	PS	Yes	Yes	-	1	5
	Corning	3830	Standard	Black/Clear	Round	90 µL	ULA	PS	Yes	Yes	-	10	50
	Corning	3830BC	Standard	Black/Clear	Round	90 µL	ULA	PS	Yes	Yes	Yes	10	50
1536-well	Corning	4527	Standard	Black/Clear	Round	14.3 µL	ULA	PS	Yes	Yes	-	10	50

### HIGH CONTENT IMAGING MICROPLATES

96-well	Corning	4580	Half area	Black/Clear	Flat	205 µL	Not treated	COC with glass bottom	Yes	Yes	-	1	10
	Corning	4582	Half area	Black/Clear	Flat	205 µL	BioCoat® Collagen I	COC with glass bottom	-	Yes	-	1	10
	Corning	4584	Half area	Black/Clear	Flat	205 µL	BioCoat Fibronectin	COC with glass bottom	-	Yes	-	1	10
	Corning	4586	Half area	Black/Clear	Flat	205 µL	BioCoat PDL	COC with glass bottom	-	Yes	-	1	10
	Corning	4680	Half area	Black/Clear	Flat	205 µL	TC-treated	COC with COC film	Yes	Yes	-	4	16
	Corning	4517	Half area, low base	Black/Clear	Flat	205 µL	TC-treated	COC with COC film	Yes	Yes	-	20	20
384-well	Corning	4581	Standard	Black/Clear	Flat	82 µL	Not treated	COC with glass bottom	Yes	Yes	-	1	10
	Corning	4583	Standard	Black/Clear	Flat	82 µL	BioCoat Collagen I	COC with glass bottom	-	Yes	-	1	10
	Corning	4585	Standard	Black/Clear	Flat	82 µL	BioCoat Fibronectin	COC with glass bottom	-	Yes	-	1	10
	Corning	4587	Standard	Black/Clear	Flat	82 µL	BioCoat PDL	COC with glass bottom	-	Yes	-	1	10
	Corning	4681	Standard	Black/Clear	Flat	82 µL	TC-treated	COC with COC film	Yes	Yes	-	10	20
	Corning	4518	Standard, low base	Black/Clear	Flat	82 µL	TC-treated	COC with COC film	Yes	Yes	-	20	20

### CORNING® STRIPWELL™ MICROPLATES

#### TISSUE CULTURE-TREATED

96-well	Corning	9102	Standard	Clear	Flat	360 µL	TC-treated	PS	Yes	Yes	-	1	50
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## Storage

Corning polypropylene microplates offer both small and large volume well formats (deep-well blocks) to meet assay and storage requirements.



### STORAGE MICROPLATES

#### NOT TREATED

	Brand	Cat. No.	Well Type	Color	Well Bottom Geometry	Total Well Volume	Surface	Material	Sterile	Lid	Generic Barcode	Qty/ Pk	Qty/ Cs
96-well	Falcon	351190	Standard	Clear	Round	340 µL	Not treated	PP	-	-	-	25	100
	Corning	3365	Standard	Clear	Round	360 µL	Not treated	PP	-	-	-	25	100
	Corning	3879	Standard	Clear	Round	360 µL	Not treated	PP	Yes	Yes	-	1	50
	Corning	3359	Standard	Clear	Round	360 µL	Not treated	PP	Yes	-	-	25	100
	Corning	3355	Standard	White	Round	360 µL	Not treated	PP	-	-	-	25	100
	Corning	3356	Standard	Black	Round	360 µL	Not treated	PP	-	-	-	25	100
	Corning	3363	Standard	Clear	V	320 µL	Not treated	PP	-	-	-	25	100
	Corning	3357	Standard	Clear	V	320 µL	Not treated	PP	Yes	-	-	25	100
	Corning	3343	Expanded volume	Clear	V	450 µL	Not treated	PP	-	-	-	10	50
	Corning	3344	Expanded volume	Clear	V	450 µL	Not treated	PP	Yes	-	-	10	50
	Corning	3364	Standard	Clear	Flat	360 µL	Not treated	PP	-	-	-	25	100
	Falcon	353263	Standard	Clear	Conical	340 µL	Not treated	PP	-	-	-	25	100
384-well	Corning	3657	Standard	Clear	Round	95 µL	Not treated	PP	-	-	-	25	100
	Corning	3656	Standard	Clear	Round	95 µL	Not treated	PP	Yes	-	-	25	100
	Corning	3658	Standard	Black	Round	95 µL	Not treated	PP	-	-	-	25	100

### STORAGE BLOCKS

#### NOT TREATED

96-well	Corning	3959	Round well	Clear	Round	1000 µL	Not treated	PP	-	-	-	5	100
	Corning	3958	Round well	Clear	Round	1000 µL	Not treated	PP	Yes	-	-	5	25
	Corning	3956	Round well	Clear	V	500 µL	Not treated	PP	Yes	-	-	10	50
	Corning	3957	Round well	Clear	V	500 µL	Not treated	PP	-	-	-	10	100
	Corning	3960	Square well	Clear	V	2000 µL	Not treated	PP	Yes	-	-	5	25
	Corning	3961	Square well	Clear	V	2000 µL	Not treated	PP	-	-	-	5	100
384-well	Corning	3965	Storage block	Clear	Round	180 µL	Not treated	PP	-	-	-	5	100
	Corning	3964	Storage block	Clear	Round	180 µL	Not treated	PP	Yes	-	-	5	25
	Corning	3342	Storage block	Clear	V	240 µL	Not treated	PP	Yes	-	-	5	50
	Corning	3347	Storage block	Clear	V	240 µL	Not treated	PP	-	-	-	5	50

# Genomics

Corning offers various products to support genomics workflow applications from DNA purification to amplification, and finally DNA quantitation and detection.



## PURIFICATION

### FiltrEX™ FILTER MICROPLATES

	Brand	Cat. No.	Well / Tube Size	Color	Well Bottom Geometry	Total Well Volume	Surface	Membrane/Filter Material	Sterile	Lid	Generic Barcode	Qty/ Pk	Qty/ Cs
96-well	Corning	3504 <sup>6</sup>	Standard	White	Flat	350 µL	Not treated	0.2 µm PVDF membrane	-	-	-	50	
	Corning	3505 <sup>6</sup>	Standard	White	Flat	350 µL	Not treated	0.2 µm PVDF membrane	Yes	-	-	50	
	Corning	3510	Standard	White	Flat	350 µL	Not treated	0.25 mm glass fiber filter	-	-	-	50	
	Corning	3511	Standard	White	Flat	350 µL	Not treated	0.66 mm glass fiber filter	-	-	-	50	

## DNA AMPLIFICATION

### PCR MICROPLATES

96-well	Corning	6511 <sup>8</sup>	Full skirt	Clear	Conical	200 µL	Not treated	PC	-	-	-	1	25
	Corning	3752 <sup>7</sup>	Full skirt	Clear	Conical	200 µL	Not treated	PP	-	-	-	10	50
	Corning	3753 <sup>7</sup>	Half skirt	Clear	Conical	200 µL	Not treated	PP	-	-	-	10	50
	Corning	6551 <sup>8</sup>	Half skirt	Clear	Conical	200 µL	Not treated	PP	-	-	-	25	25
	Corning	3754 <sup>7</sup>	Elevated skirt	Clear	Conical	200 µL	Not treated	PP	-	-	-	10	50
384-well	Corning	6509 <sup>8</sup>	No skirt	Clear	Conical	200 µL	Not treated	PC	-	-	-	1	25
	Corning	3757	Full skirt	Clear	Conical	40 µL	Not treated	PP	-	-	-	10	50
	Corning	3757-US	Full skirt	Clear	Conical	40 µL	Not treated	PP	-	-	-	10	50

## QUANTITATION & DETECTION

### ULTRA VIOLET (UV) MICROPLATES

96-well	Corning	3635	Standard	Clear	Flat	370 µL	Not treated	Acrylic body with UV film	-	-	-	25	50
	Corning	3679	Half area	Clear	Flat	205 µL	Not treated	Acrylic body with UV film	-	-	-	25	50

## PCR TUBES AND STRIPS

### PCR TUBES

Brand	Cat. No.	Description	Color	Well Bottom Geometry	Total Volume	Surface	Material	Sterile	Lid	Generic Barcode	Qty/ Pk	Qty/ Cs
Corning	6571 <sup>8</sup>	0.2 mL tube with flat cap	Clear	Conical	200 µL	Not treated	PP	-	Yes	-	96	960
Corning	3745 <sup>9</sup>	0.2 mL tube with flat cap	Clear	Conical	200 µL	Not treated	PP	-	Yes	-	500	1000
Corning	3744 <sup>9</sup>	0.2 mL tube with flat cap	Assorted	Conical	200 µL	Not treated	PP	-	Yes	-	500	1000
Corning	6531 <sup>8</sup>	0.2 mL tube with dome cap	Clear	Conical	200 µL	Not treated	PP	-	Yes	-	96	960
Corning	3747 <sup>9</sup>	0.2 mL tube with dome cap	Clear	Conical	200 µL	Not treated	PP	-	Yes	-	500	1000
Corning	3746 <sup>9</sup>	0.2 mL tube with dome cap	Assorted	Conical	200 µL	Not treated	PP	-	Yes	-	500	1000
Corning	3750 <sup>9</sup>	0.5 mL tube with flat cap	Clear	Conical	500 µL	Not treated	PP	-	Yes	-	500	1000
Corning	6530 <sup>8</sup>	0.5 mL tube with flat cap	Clear	Conical	500 µL	Not treated	PP	-	Yes	-	250	1000
Corning	37491 <sup>9</sup>	0.5 mL tube with flat cap	Assorted	Conical	500 µL	Not treated	PP	-	Yes	-	500	1000

### PCR STRIPS

Corning	6542 <sup>8</sup>	0.2 mL 1 x 8 tube strip without cap	Clear	Conical	200 µL	Not treated	PP	-	-	-	60	300
Corning	3741 <sup>9</sup>	0.2 mL 1 x 8 tube strip without cap	Clear	Conical	200 µL	Not treated	PP	-	-	-	125	1250
Corning	6547 <sup>8</sup>	0.2 mL 1 x 8 tube strip without cap	Assorted	Conical	200 µL	Not treated	PP	-	-	-	60	300
Corning	3740 <sup>9</sup>	0.2 mL 1 x 8 tube strip without cap	Assorted	Conical	200 µL	Not treated	PP	-	-	-	125	1250
Corning	3743 <sup>9</sup>	0.2 mL 1 x 8 tube strip with dome cap	Clear	Conical	200 µL	Not treated	PP	-	Yes	-	125	1250
Corning	3748 <sup>9</sup>	0.2 mL 1 x 8 tube strip with dome cap	Assorted	Conical	200 µL	Not treated	PP	-	Yes	-	125	1250
Corning	3742 <sup>9</sup>	Optically clear flat cap strip	Clear	N/A	N/A	Not treated	PP	-	Yes	-	125	1250

6. Hydrophobic

Material:

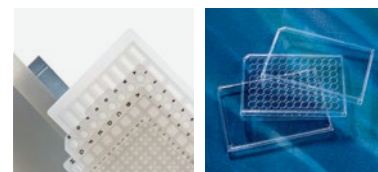
7. Thermowell® GOLD PVDF = Polyvinylidene difluoride

8. Thermowell

## Accessories

Corning offers a variety of microplate lids, sealing tapes, and storage mats that are compatible with multiple product formats.

- Corning sealing tape is compatible with all assay and storage microplates.
  - Aluminum sealing tape is not transparent for light-sensitive applications and is pierceable.
  - Breathable sealing tape allows for gas exchange across the surface.
- Corning storage mats are compatible with either 96- or 384-well polypropylene storage microplates and deep well blocks.
  - Ethyl vinyl acetate storage mats are DMSO-resistant.
  - Mats may be applied manually or with the Axygen® EasyPress sealing mat applicator (IT-EP-R).



### MICROPLATE LIDS

Brand	Cat. No.	Description	Color	Material	Sterile	Qty/Pk	Qty/Cs	Compatibility
Corning	3930	Low evaporation lid with A1 corner notch and condensation rings	Clear	PS	Yes	1	100	96-well assay and storage microplates
Corning	3931	Low evaporation lid with A1 corner notch and condensation rings	Clear	PS	Yes	25	50	96-well assay and storage microplates
Corning	3098	Universal lid without A1 corner notch	Clear	PS	Yes	25	50	All microplates
Corning	3099	Universal lid with A1 corner notch	Clear	PS	Yes	25	50	All microplates
Corning	3935	Universal lid with A1 corner notch	Black	PS	Yes	25	50	All microplates
Corning	6520	PCR microplate lid	Clear	PC	-	1	25	Cat. No. 6511

### SEALING TAPE / FILM

Corning	3345	Breathable sealing tape	Clear	Rayon film	Yes	50	500	96- and 384-well microplates
Corning	4612	Polyester sealing tape	Clear	Polyester	-	100	500	96-well microplates
Corning	6524	PCR polyethylene sealing tape	Clear	Polyethylene	-	100	100	96-well microplates
Corning	6575	Universal optical sealing tape	Clear	Polyolefin film	-	100	100	96-well microplates
Corning	6570	Aluminum sealing tape	Opaque/Silver	Aluminum	-	100	100	96-well microplates
Corning	6569	Aluminum sealing tape	Opaque/Silver	Aluminum	-	100	100	384-well microplates

### STORAGE MATS

Corning	3080	96-well round well storage mat	N/A	Ethyl vinyl acetate	-	25	100	96-well round well storage microplates and blocks
Corning	3083	96-well square well storage mat	N/A	Ethyl vinyl acetate	-	1	50	96-well square well storage blocks
Corning	3346	96-well round well storage mat	N/A	PP	-	10	50	96-well expanded volume storage microplates
Corning	3341	384-well chemical resistant sealing mat	N/A	PP	-	10	50	384-well V-bottom storage blocks
Axygen®	IT-EP-R	EasyPress sealing mat applicator for storage mats	N/A	N/A	N/A	1	1	All storage plates and blocks

### CORNING® STRIPWELL™ ACCESSORIES

Corning	2572	Egg crate strip holder	White	PS	-	5	20	Standard and half area 1 x 8 strips
Corning	2578	Stripwell ejector	Opaque	PS	-	5	5	For removing Stripwell strips from the egg crate holder

Material:  
PC = Polycarbonate

**Warranty/Disclaimer:** Unless otherwise specified, all products are for research use or general laboratory use only.\* Not intended for use in diagnostic or therapeutic procedures. Not for use in humans. These products are not intended to mitigate the presence of microorganisms on surfaces or in the environment, where such organisms can be deleterious to humans or the environment. Corning Life Sciences makes no claims regarding the performance of these products for clinical or diagnostic applications. \*For a listing of US medical devices, regulatory classifications or specific information on claims, visit [www.corning.com/resources](http://www.corning.com/resources).

*Corning's products are not specifically designed and tested for diagnostic testing. Many Corning products, though not specific for diagnostic testing, can be used in the workflow and preparation of the test at the customers discretion. Customers may use these products to support their claims. We cannot make any claims or statements that our products are approved for diagnostic testing either directly or indirectly. The customer is responsible for any testing, validation, and/or regulatory submissions that may be required to support the safety and efficacy of their intended application.*

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