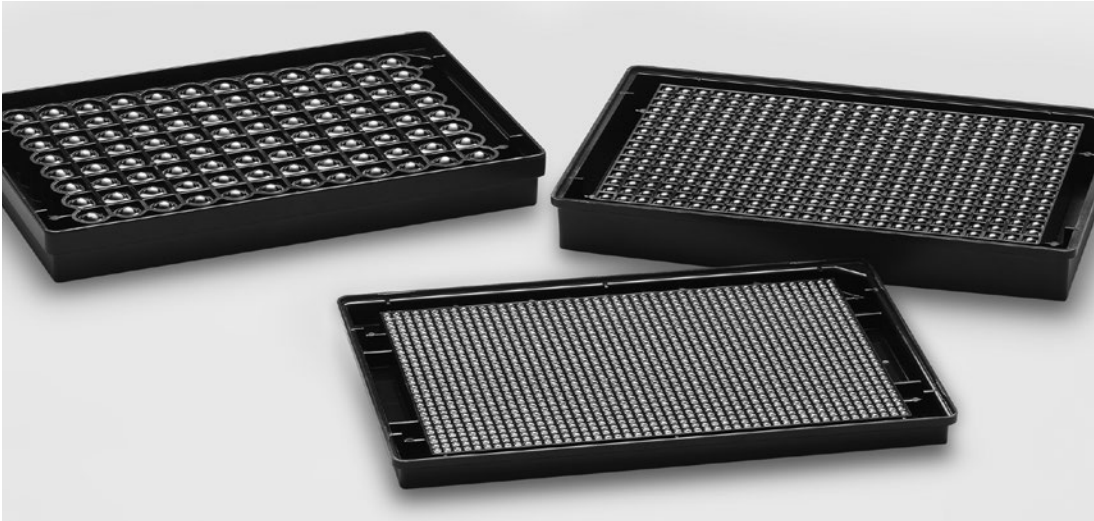


Corning® Spheroid Microplates

CORNING



Corning Spheroid microplates are available in 96-, 384-, and 1536-well formats.

Generate, culture, assay, and analyze your spheroids all in one microplate. The Corning spheroid microplate features a novel and proprietary design that allows you to use one microplate to achieve all of these steps without manipulating or transferring delicate spheroids. The microplates feature black opaque walls and clear, round well-bottom geometry, as well as the Corning Ultra-Low Attachment surface, which is hydrophilic, biologically inert and non-degradable. All Corning spheroid microplates feature a unique well-bottom design that enables highly reproducible growth of 3D spheroid cultures. The opaque side walls and gridded bottom design reduce well-to-well cross-talk and background fluorescence/luminescence.

The Corning spheroid microplate is available in 96-, 384-, and 1536-well formats. The 96-well Corning spheroid microplate is compatible with the HTS Transwell®-96 tissue culture system for 3D immune oncology models for high throughput testing. The 1536-well format enables a higher volume of spheroid growth for high throughput screening. Each microplate is compatible with most automated imagers.

Key Features

- ▶ Optically clear round bottom with black opaque microplate body
- ▶ Covalent attachment of Ultra-Low Attachment surface to reduce cellular adhesion to well surface
- ▶ Novel proprietary well geometry aids formation of spheroids in center of well
- ▶ Unique design that shields each well to minimize well-to-well cross-talk

Key Benefits

- ▶ Ideal to generate and analyze 3D multicellular spheroids in the same microplate.
- ▶ The spheroid microplate is optimized for visualization, thanks to the black opaque microplate body, which reduces well-to-well cross-talk.
- ▶ An excellent tool to create uniform, centered, single spheroid formation across all wells with a simple and easy to use “plug and play” protocol.
- ▶ No specialized equipment is required and the Corning spheroid microplate is compatible with HTS instruments.
- ▶ Easy for media or buffer change.
- ▶ No transfer step necessary for visualization or assay, reduces the risk of damaging your work because there are fewer steps which leaves less of a chance of harming your cell culture, and it’s also less cost per run.



Corning spheroid microplate may be used with Corning Matrigel® matrix to achieve specific assays.

The Corning® Spheroid microplate may be used in many research areas including:

- ▶ Stem cell biology
- ▶ Cancer/Tumor biology
- ▶ ADME/Tox
- ▶ Neurobiology and metabolic disease
- ▶ Drug screening/high throughput screening

Ordering Information

Corning Spheroid Microplates

Cat. No.	Description	Qty/Pk	Qty/Cs
4515	96-well, black/clear round bottom, with lid, Ultra-Low Attachment surface, sterile	1	5
4520	96-well, black/clear round bottom, with lid, Ultra-Low Attachment surface, sterile	10	50
4516	384-well, black/clear round bottom, with lid, Ultra-Low Attachment surface, sterile	1	5
3830	384-well, black/clear round bottom, with lid, Ultra-Low Attachment surface, sterile	10	50
3830BC	384-well, black/clear round bottom, with lid, with barcodes, Ultra-Low Attachment surface, sterile	10	50
4637	1536-well, black/clear round bottom, with lid, Ultra-Low Attachment surface, sterile	1	5
4527	1536-well, black/clear round bottom, with lid, Ultra-Low Attachment surface, sterile	10	50

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

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

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