Corning® Elplasia® 12K Open Well Plate

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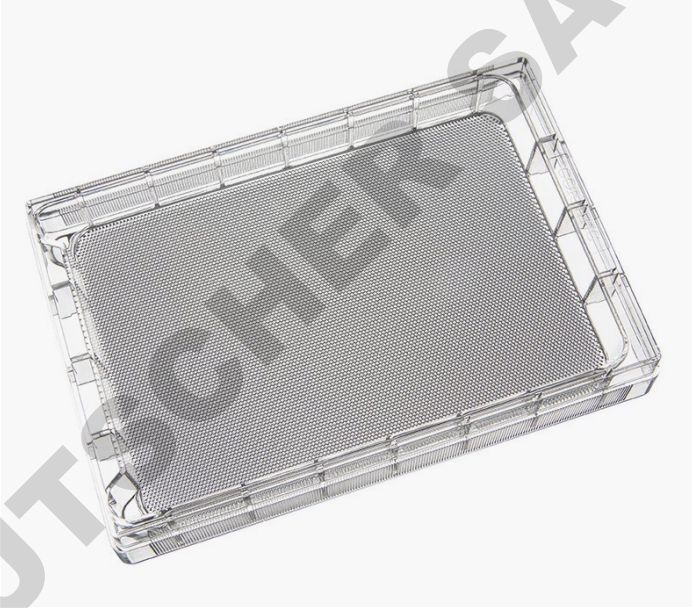
The demand for spheroids continues to increase as research and technology in drug screening, cancer research, and advanced therapies rapidly evolves. The Corning Elplasia 12K open well plate will be helpful advancing the effectiveness of 3D spheroids in many areas of research, and meeting the need for better methods of producing and replicating spheroids of uniform size in mass quantities.

Critical in drug screening and other applications such as cell therapy research, spheroids are coveted for their ability to more closely resemble the original tumor from which they were derived. The Corning Elplasia 12K plate is designed similarly to the Corning Elplasia 12K flask, but in a microplate footprint which makes it ideal for easy sampling and imaging of spheroids. The plate also features media exchange ports for ease of liquid handling.

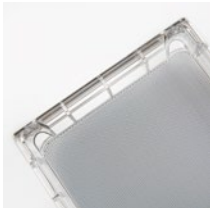
The Elplasia 12K plate is compatible with many tumor, normal, and primary cell types often used for 3D cell culture, and may be used across many applications including:

- Compound screening
- Personalized medicine
- Biobanking
- Cell scale-up



Features

- Removable lid, enabling full access to spheroid cultures
- Gas-permeable polystyrene film bottom
- Standard ANSI/SLAS microplate footprint
- Corning Ultra-Low Attachment (ULA) surface coating
- Straightforward bulk generation of uniform spheroids in one culture condition
- Surface contains 152 microcavities per cm^2, generating approximately 12,000 spheroids of uniform size and shape
- Media exchange ports allow for minimal spheroid disruption during liquid handling steps



Benefits

- Ease of spheroid formation, culture, assessment, and harvest
- Ready-to-use plate to create large quantities of uniform spheroids
- Scaffold-free cultures
- Culture spheroids for up to 14 or more days (cell line-dependent)
- Highly reproducible bulk spheroid formation across microcavities
- Common media reservoir for equivalent culture conditions for all spheroids
- Easy access to spheroid cultures
- Compatible with brightfield and fluorescent microscopy

Ordering Information

Product may not be available in all markets.

Cat. No.	Description	Qty/Pk	Qty/Cs
4547	Corning Elplasia 12K open well plate, ULA surface, sterile	1	5

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.

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