# Corning<sup>®</sup> Elplasia<sup>®</sup> 12K Open Well Plate

### CORNING

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<sup>2</sup>, 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.

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.

## CORNING

Corning Incorporated Life Sciences

www.corning.com/lifesciences

NORTH AMERICA t 800.492.1110 t 978.442.2200

> ASIA/PACIFIC Australia/New Zealand t 61 427286832 Chinese Mainland t 86 21 3338 4338

India t 91 124 4604000 Japan t 81 3-3586 1996 Korea t 82 2-796-9500 Singapore t 65 6572-9740 Taiwan t 886 2-2716-0338 EUROPE CSEurope@corning.com France t 0800 916 882 Germany t 0800 101 1153 The Netherlands t 020 655 79 28 United Kingdom t 0800 376 8660 **All Other European Countries** t +31 (0) 206 59 60 51

LATIN AMERICA grupoLA@corning.com Brazil t 55 (11) 3089-7400 Mexico t (52-81) 8158-8400

For a listing of trademarks, visit www.corning.com/clstrademarks. All other trademarks are the property of their respective owners. © 2023 Corning Incorporated. All rights reserved. 9/23 CLS-AC-039