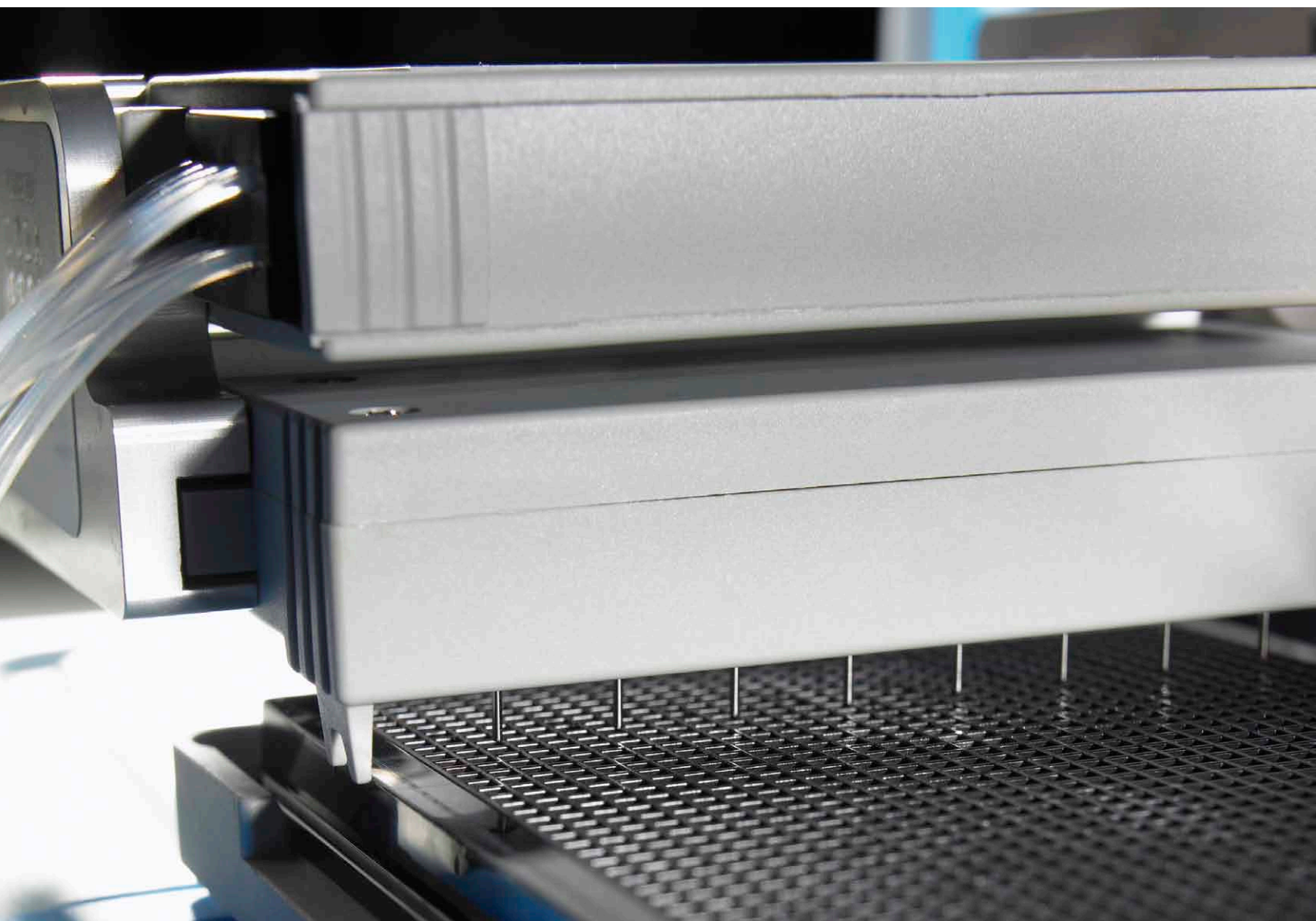


Beginning-to-end Solutions for Drug Discovery

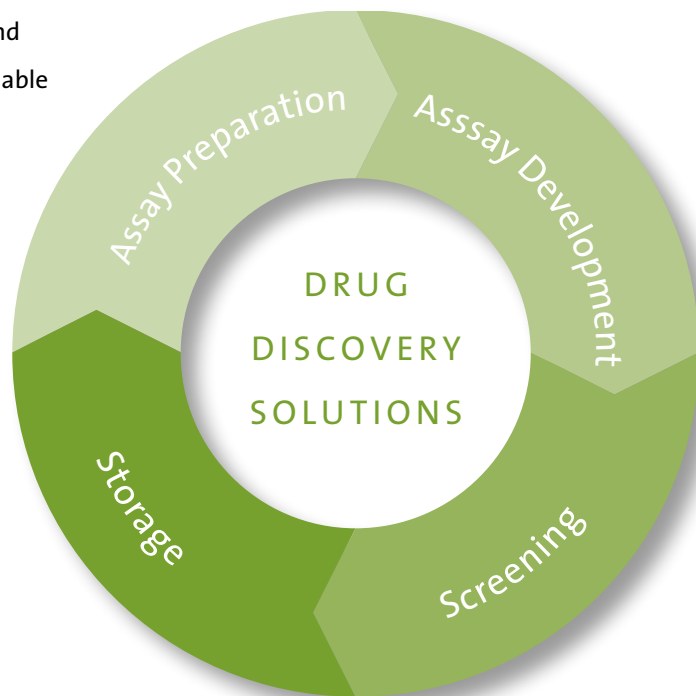


Beginning-to-end Solutions for Drug Discovery

At Corning, we continuously strive towards improving efficiencies and developing new products and technologies for life science researchers. From assay preparation to storage, our technical experts understand your challenges and your increased need for high-quality products.

It is this expertise, plus a 160 year legacy of Corning innovation and manufacturing excellence, that puts us in a unique position to be able to offer a beginning-to-end portfolio of high-quality, reliable life sciences consumables.

This brochure provides a step-by-step guide highlighting the Corning products and brands which support the drug discovery process at each stage. Detailed product information and a complete Technical Library including Application Notes, Protocols and Bibliographies are available from our website www.fishersci.com/corningdrugdiscoverysolutions.



The Corning Family of Brands

CORNING

costar®

cellgro®

PYREX®

AXYGEN®

GOSSELIN™

Assay Preparation



Corning offers an extensive selection of products to assist you with your assay preparation needs.

For more help on growing cells, check out the *Guide for Identifying and Correcting Common Cell Growth Problems* under Technical Resources at www.fishersci.com/corningdrugdiscoverysolutions.

- ▶ 96 and 384 well microplates
- ▶ Cell scrapers and lifters
- ▶ CellSTACK® chambers
- ▶ Flasks and dishes
- ▶ HYPERFlask® vessels
- ▶ Microcentrifuge tubes
- ▶ Pipet tips and pipettors
- ▶ Pipets and pipet controllers
- ▶ Sealing tape and film
- ▶ Media, sera and reagents



Assay Development



From microplates to label-free detection technology, Corning offers a solution for all your cell-based and biochemical assay development needs.

For more information on microplate options and surfaces, read the *Microplate Selection Guide* under Technical Resources at www.fishersci.com/corningdrugdiscoverysolutions.

- ▶ Benchtop pipettor
- ▶ 96 and 384 well microplates
- ▶ CellSTACK® chambers
- ▶ Deep well plates and reservoirs
- ▶ Epic® Label-Free Technology and Services
- ▶ HYPERFlask® vessels
- ▶ Media, sera, and reagents
- ▶ Microcentrifuge tubes
- ▶ Pipets and pipet controllers
- ▶ Pipet tips and pipettors
- ▶ Sealing tape and film
- ▶ Specialized surfaces
- ▶ Transwell® Permeable Supports

Screening



Corning offers an extensive selection of products used in high-throughput screening, automation and label-free technology.

Check out *Understanding the Relationship between Automation/Instrumentation and Microplates* under Technical Resources at www.fishersci.com/corningdrugdiscoverysolutions.

- › Benchtop pipettor
- › 384 and 1536 well microplates
- › CellSTACK® chambers
- › Deep well plates and reservoirs
- › Epic® Label-Free Technology and Services
- › HYPERFlask® vessels
- › HYPERStack® vessels
- › Media, sera, and reagents
- › Pipet tips and pipettors
- › Robotic tips
- › Sealing tape and film
- › Specialized surfaces




Storage



Corning offers a large selection of storage products for compounds, proteins and cells including cryogenic vials and accessories for freezing cells.

Read the *Cryogenic Preservation and Storage of Animal Cells* protocol and guide under Technical Resources at www.fishersci.com/corningdrugdiscoverysolutions for more information.

- › 2D bar coded storage tubes
- › Centrifuge tubes
- › Cryogenic vials and accessories
- › Flasks and dishes
- › Media, buffers and reagents
- › Sealing tape and film
- › Pipet tips and pipettors
- › Pipets and pipet controllers
- › Storage plates and blocks
- › Storage bottles 



1536 Well Cyclic Olefin Copolymer (COC) Microplates

These 1536 well cyclic olefin copolymer microplates are perfectly suited for high-throughput screening (HTS). A variety of surface treatments enable both cell-based and biochemical assays. The ultraclear, 127 μm film bottom thickness is ideal for cell-based assays that require advanced optical analysis. The COC microplates are mechanically stable and inherently resistant to a broad range of solvents including DMSO and alcohols, allowing for compound storage as well.

Key Features:

- ▶ Cyclic olefin copolymer material with ultraclear 127 μm film thickness (clear bottom versions)
- ▶ Low base clear bottom and high base solid versions available
- ▶ Treatment options include not treated, PDL, tissue culture treated, Corning® CellBIND® Surface and Nonbinding Surface (NBS™)
- ▶ Pre-bar coded
- ▶ Compatible with Kalypsys® System

Key Benefits:

- ▶ Low auto-fluorescence (minimal background noise)
- ▶ Broad chemical resistance including DMSO and alcohol
- ▶ High mechanical stability
- ▶ Optimized for flatness and uniformity
- ▶ Low birefringence

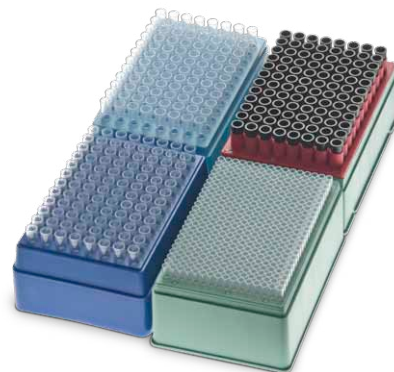


Corning® and Axygen® Automation Consumables

Corning and Axygen brand products offer compatibility with a wide range of laboratory instrumentation, including microplate readers, microplate washers, liquid handling instruments, automation accessories, and robotic systems. To make it easy to identify the Corning microplates that perform well with your instruments, we've assembled an Equipment Compatibility Guide with the help of manufacturers from throughout the industry.

We offer a vast selection of Axygen robotic tips that are compatible with many equipment manufacturers, including:

- | | |
|--------------------|-----------------------|
| ▶ Aurora Biomed | ▶ Tecan® |
| ▶ Biotek® | ▶ Zymark®/Caliper |
| ▶ Dynamic Devices | ▶ Agilent®/Velocity11 |
| ▶ Hamilton® | ▶ Beckman Coulter® |
| ▶ PROGROUP WELLPRO | ▶ PerkinElmer® |



Corning is committed to helping you solve your everyday drug discovery problems.



In the United States:
For customer service, call 1-800-766-7000.
To fax an order, use 1-800-926-1166.
To order online: www.fishersci.com

In Canada:
For customer service, call 1-800-234-7437.
To fax an order, use 1-800-463-2996.
To order online: www.fishersci.ca