

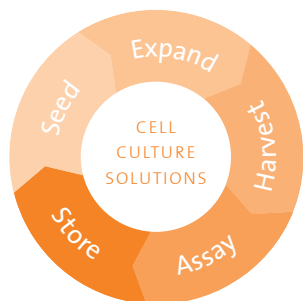
Beginning-to-end Solutions for

Cell Culture



CORNING

Beginning-to-end Solutions for Cell Culture



At Corning, cells are in our culture. In our continuous efforts to improve workflow efficiencies and develop new tools and technologies for life science researchers, we have scientists working in Corning R&D labs across the globe, doing what you do every day. From seeding starter cultures to expanding cells for assays, our technical experts understand your challenges and your ever increasing need for a more efficient cell culture workflow.

It is this expertise, plus a 160-year history of Corning innovation and manufacturing excellence, that places us in a unique position to offer a beginning-to-end portfolio of high-quality, reliable cell culture consumables.

This brochure provides a step-by-step view of the Corning products and brands that support the cell culture process. Detailed product information and a complete technical resource library, including application notes, protocols, and bibliographies, are available on our website www.corning.com/lifesciences.

The Corning brand portfolio includes a comprehensive line of high-quality cell culture and bioprocess solutions. Our innovative vessels include research through scale-up, advanced cell culture surfaces for the growth of attachment-dependent and unattached cells, and a new range of Corning® cellgro® media, sera, and custom solutions for cell culture applications.

Our Falcon® brand has set the standard for high-quality branded tubes, pipets, and cell culture products designed to advance research worldwide. Manufactured from advanced bioanalytical-grade resins and extensively tested, Falcon plasticware ensures high quality, consistent, reliable results.



SEED



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



Get your cell culture off to the right start with Corning's variety of cell culture flasks, plates, tubes, pipets, and other tools for seeding cells.

- ▶ Benchtop equipment
- ▶ Centrifuge tubes
- ▶ Cytokines and growth factors
- ▶ Dishes and plates
- ▶ Enhanced culture surfaces (attachment factors; proteins)
- ▶ Erlenmeyer and spinner flasks Ⓞ
- ▶ Extracellular matrices (ECMs)
- ▶ Filtration systems
- ▶ Media, sera, and reagents
- ▶ Pipet tips and pipettors
- ▶ Pipets and pipet controllers
- ▶ Reservoirs
- ▶ Standard and multi-layered flasks
- ▶ Storage bottles Ⓞ
- ▶ Syringe and filter systems
- ▶ Tissue homogenizers

Ⓞ Glass option available.

EXPAND



For more information on increasing cell yield, read *Growing More Cells: A Simple Guide to Cell Culture Scale-Up* under Technical Resources at www.corning.com/lifesciences.



Choose from a broad range of vessels, media, and advanced surfaces for the optimized expansion of cell lines, primary cells, and stem cells.

- ▶ Benchtop equipment
- ▶ Cell expansion bags
- ▶ Culture tubes [Ⓞ]
- ▶ Cytokines and growth factors
- ▶ Dishes and plates
- ▶ Enhanced culture surfaces (attachment factors; proteins)
- ▶ Erlenmeyer and spinner flasks [Ⓞ]
- ▶ Extracellular matrices (ECMs)
- ▶ Corning® HYPERFlask® and HYPERStack® vessels
- ▶ Corning Matrigel® Matrix
- ▶ Media, sera, and reagents
- ▶ Multi-layer flasks
- ▶ Pipet tips and pipettors
- ▶ Pipets and pipet controllers
- ▶ Rocker cell culture bags
- ▶ Slides and coverslips
- ▶ Standard and multi-layered flasks

[Ⓞ] Glass option available.


HARVEST



For more information on cell harvesting, check out the *Subculturing Monolayer Cell Culture* protocol under Technical Resources at www.corning.com/lifesciences.



Corning offers a wide selection of pipets, centrifuge tubes, cell scrapers, and reagents to make cell harvesting easier.

- ▶ Benchtop equipment
- ▶ Cell scrapers and lifters
- ▶ Cell strainers
- ▶ Centrifuge tubes
- ▶ Cryovials and cryopreservation reagents (DMSO)
- ▶ Dissociation reagents
- ▶ Dishes and plates
- ▶ Erlenmeyer flasks 
- ▶ Media, sera, and reagents
- ▶ Pipet tips and pipettors
- ▶ Pipets and pipet controllers
- ▶ Reservoirs
- ▶ Slides and coverslips
- ▶ Standard and multi-layered flasks
- ▶ Syringe and filter systems

 Glass option available.

ASSAY



For more information on cell assays, check out *Understanding the Relationship between Automation/Instrumentation and Microplates* under Technical Resources at www.corning.com/lifesciences.



From microscope slides to multiple well microplates, Corning offers a solution for all your cell-based assay needs.

- ▶ Centrifuge tubes
- ▶ Chamber slides (coated and uncoated)
- ▶ Dishes and plates
- ▶ Enhanced culture surfaces (attachment factors; proteins)
- ▶ Extracellular matrices (ECMs)
- ▶ High content imaging microplates
- ▶ Media, sera and reagents
- ▶ Microplates (coated and uncoated)
- ▶ Pipet tips and pipettors
- ▶ Pipets and pipet controllers
- ▶ Spheroid microplates
- ▶ Standard and multi-layered flasks
- ▶ Storage bottles [ⓐ]
- ▶ Syringe and filter systems
- ▶ Transwell® Permeable Supports (coated and uncoated)

[ⓐ] Glass option available.

STORE



For more information, check out the *Cryogenic Preservation and Storage of Animal Cells* protocol and guide under Technical Resources at www.corning.com/lifesciences.



Corning offers a large selection of accessories for storing cells and cryogenic vials for freezing cells.

- ▶ Centrifuge tubes
- ▶ Cryogenic vials and accessories
- ▶ Media, sera, and reagents
- ▶ Pipets and pipet controllers
- ▶ Reservoirs
- ▶ Slides and coverslips
- ▶ Storage plates and accessories

Technical Help and Training

Corning is committed to helping you solve your everyday cell culture problems.

Online Technical Resources and Training

Whether you have a quick question you need to research or want to troubleshoot on your own, Corning has an extensive online library of technical articles, protocols, videos, and presentations at your fingertips.

Scientific Seminar Series

- ▶ Free, online technical presentations
- ▶ Novel tips, best practices and proven techniques
- ▶ One-hour monthly seminars delivered by scientists
- ▶ Register or view past seminars on-demand at www.corning.com/lifesciences

Technical Information Website

- ▶ Technical articles, selection guides, bibliographies, and protocols
- ▶ Available under Technical Resources at www.corning.com/lifesciences

YouTube Videos

- ▶ Multi-language, instructional videos
- ▶ Visit www.youtube.com/corninglifesciences



Live or Onsite Technical Support

Sometimes, cell culture can stump even the most seasoned veteran. When you need that extra support, another set of eyes, or even onsite group training, our experts are there when and where you need them.

Technical Information Center (TIC)

- ▶ Direct access to well-trained and knowledgeable staff
- ▶ Call 800.492.1110 Monday through Friday from 8:00 am to 5:30 pm Eastern Time or by email at CLSTechServ@corning.com

Onsite Training and Seminar Program

- ▶ Technical seminars and hands-on training at our site or yours
- ▶ For more information, contact Kate Strathern, Ph.D., Applications Group Manager at strathernke@corning.com

Onsite Support

- ▶ Contact your local Account Representative to schedule an appointment



Connect with Corning Life Sciences on FaceBook, LinkedIn, and WeChat for the latest product announcements, promotions, and event news.



Corning and ATCC have Partnered to bring you the latest Cell Culture Applications and Information

Corning has partnered with ATCC, the premier global biological materials resource and standards organization, to co-develop applications and information that will help advance your research and optimize your cell culture process. To learn more about our partnership please view the news release 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. Not for use in humans. Corning Life Sciences makes no claims regarding the performance of these products for clinical or diagnostic applications.

For additional product or technical information, please call 800.492.1110 or visit www.corning.com/lifesciences. Customers outside the United States, call +1.978.442.2200 or contact your local Corning sales office listed below.

Corning Incorporated Life Sciences

836 North St.
Building 300, Suite 3401
Tewksbury, MA 01876
t 800.492.1110
t 978.442.2200
f 978.442.2476

www.corning.com/lifesciences

Worldwide Support Offices

ASIA/PACIFIC

Australia/New Zealand
t 0402-794-347

China
t 86 21 2215 2888
f 86 21 6215 2988

India
t 91 124 4604000
f 91 124 4604099

Japan
t 81 3-3586 1996
f 81 3-3586 1291

Korea
t 82 2-796-9500
f 82 2-796-9300

Singapore
t 65 6733-6511
f 65 6861-2913

Taiwan
t 886 2-2716-0338
f 886 2-2516-7500

EUROPE

France
t 0800 916 882
f 0800 918 636

Germany
t 0800 101 1153
f 0800 101 2427

The Netherlands
t 31 20 655 79 28
f 31 20 659 76 73

United Kingdom
t 0800 376 8660
f 0800 279 1117

All Other European Countries

t 31 (0) 20 659 60 51
f 31 (0) 20 659 76 73

LATIN AMERICA

Brasil
t (55-11) 3089-7419
f (55-11) 3167-0700

Mexico
t (52-81) 8158-8400
f (52-81) 8313-8589

CORNING

FALCON

AXYGEN

GOSSELIN

PYREX

For a listing of trademarks, visit us at www.corning.com/lifesciences/trademarks. All other trademarks in this document are the property of their respective owners.