

Beginning-to-end
Solutions for

Genomics

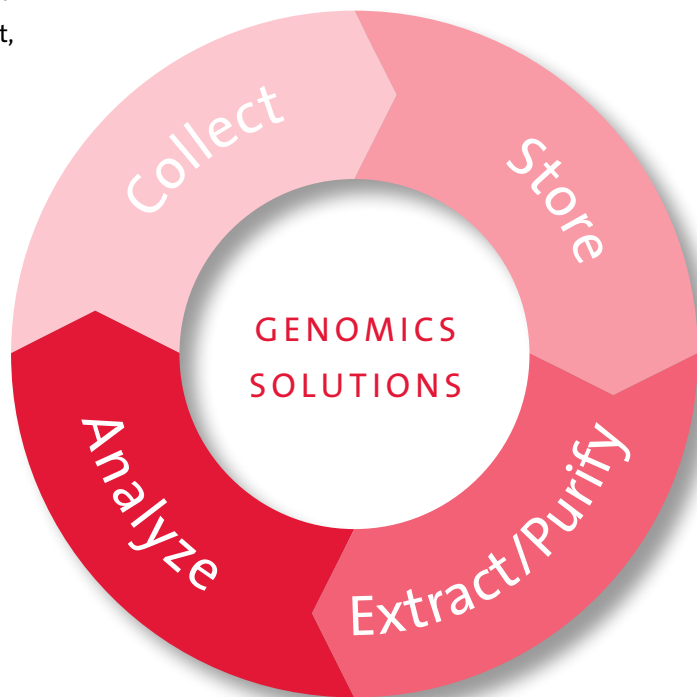
CORNING

Beginning-to-end Solutions for Genomics

In our continuous efforts to improve efficiencies and develop new tools and technologies for life science researchers, we have scientists working in Corning R&D labs doing what you do every day, across the globe. From collection to analysis, our technical experts understand your challenges and your need for simplified, efficient, low- to high-throughput genomics processes.

A combination of global manufacturing expertise, extensive use of in-house automation, an unsurpassed commitment to product innovation and a thorough understanding of your processes enables Corning to offer a beginning-to-end portfolio of high-quality, reliable consumables and reagents for genomics applications.

This brochure provides a step-by-step guide highlighting the Corning products and brands which support the major steps common to genomics workflows. Detailed product information and technical literature are listed in this brochure and can be requested from your Corning representative.



Axygen® brand products include a complete range of manual and automation-compatible disposable tips, as well as a range of high-throughput screening microplates and PCR storage products.

The Corning Family of Brands

CORNING

costar®

cellgro®

PYREX®

AXYGEN®

GOSSELIN™

Collect



Corning makes sample collection easier with a wide range of collection vessels and microplates ranging from microcentrifuge tubes to 96 well deep well plates.

- ▶ 96 and 384 well microplates
- ▶ Centrifuge tubes
- ▶ Deep well plates
- ▶ Large volume storage bottles
- ▶ Microcentrifuge tubes
- ▶ Pipet tips and pipettors
- ▶ Reservoirs
- ▶ Robotic tips



Store



Secure and track your samples with a wide range of our Axxygen® and Corning® brand microplates, reservoirs and sealing film options. Individual samples can be aliquoted with our manual or robotics compatible tips in microcentrifuge tubes or cryogenic vials for both short and long term storage.

- ▶ 2D bar code storage tubes
- ▶ 96 and 384 well microplates
- ▶ Centrifuge tubes
- ▶ Cryogenic vials
- ▶ Deep well plates
- ▶ Microcentrifuge tubes
- ▶ Pipet tips and pipettors
- ▶ Reservoirs
- ▶ Robotic tips
- ▶ Sealing films and mats

Extract/Purify



Corning offers a full range of consumables and reagent kits to extract high yields of pure DNA/RNA suitable for demanding downstream applications.

Axygen® brand magnetic bead-based kits and IMAG™ separation devices are optimized to make Next-Gen Sequencing library preparation processes more efficient.

- ▶ 96 and 384 well microplates
- ▶ Buffers and reagents
- ▶ Filtration-based purification and clean-up kits
- ▶ IMAG separation devices
- ▶ Magnetic bead-based purification kits
- ▶ Microcentrifuge tubes
- ▶ Pipet tips and pipettors
- ▶ Reservoirs
- ▶ Robotic tips
- ▶ Sealing films



Analyze



Corning offers a range of instruments, consumables and reagents for PCR-based analysis. Screening, image visualization and documentation is supported by gel documentation systems, electrophoresis systems and reagents.

- ▶ Benchtop equipment
- ▶ Buffers, reagents and DNA markers
- ▶ Gel documentation
- ▶ Gradient thermal cycler
- ▶ Microcentrifuge tubes
- ▶ Microplates
- ▶ PCR plates
- ▶ Pipet tips and pipettors
- ▶ Robotic tips
- ▶ Sealing films

IMAG™ Handheld Magnetic Beads Separation Devices (MSD)

Our Axygen brand IMAG MSDs—available in tube or microplate formats—are designed to simplify the manual processing of magnetic bead-based separation applications including:

- ▶ Nucleic acid purification and clean-up
- ▶ Cell-based assays
- ▶ Antibody and protein purification

Benefits of IMAG MSDs:

- ▶ Increase operational efficiency
- ▶ Allow for fast separation time: the design includes strong magnets providing less than 30 seconds separation time
- ▶ Reduce the cost of consumable and processing time: magnet holds beads in tube or plate, eliminating the need for extra pipetting steps

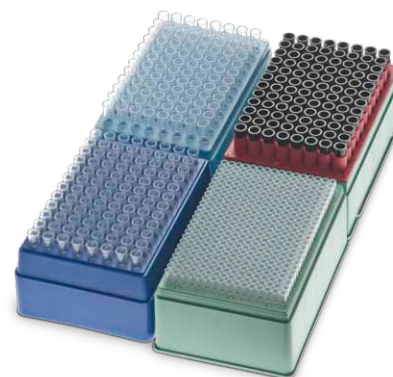


Corning and Axygen® Automation Consumables

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 Reference Guide with the help of manufacturers from throughout the industry. The Equipment Compatibility Guide is available at www.corning.com/lifesciences.

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® |



Technical Help and Training

Corning is committed to helping you solve your everyday genomics 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.

The Corning 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

Corning's 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

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.

Corning and Axygen Technical Information Centers

- ▶ Direct access to well-trained and knowledgeable staff
- ▶ Corning: 800.492.1110 or CLStechserv@corning.com
- ▶ Axygen: 510.494.8900 or axgsales@corning.com

Corning's Onsite Workshops

- ▶ Technical seminars and hands-on training at our site or yours
- ▶ For more information, contact Mark Rothenberg, PhD, Applications Group Manager at rothenbem@corning.com



Visit www.facebook.com/corninglifesciences for product announcements, promotions, and event news.

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