

Plasmid DNA Preparation Services

Fast, Affordable, High-quality Plasmid Optimizes Downstream Success!

GENEWIZ's fast and reliable plasmid preparation service helps researchers like you accelerate research progress and free up lab time. You can easily plan multi-step projects or expedite those with tight timelines.

Obtaining high quality plasmid from the purification procedure is critical for the success of downstream applications. GENEWIZ's Plasmid Preparation Service ensures you will receive high quality plasmid with low endotoxin levels, ready for transfection.

With flexible sample submission options, microgram-to-milligram yields, and research and regulatory service levels, you will find we can accommodate almost any plasmid preparation project.



Fast and Reliable

- 2-3 day turnaround starting from a bacterial colony
- Eliminate days of waiting for transformation, culturing, isolation and sequence confirmation
- Online Ordering System for speed and convenience at www.genewiz.com

High Quality

- Comprehensive quality control system
- Low endotoxin level for applications including transfection of endotoxin-sensitive cells
- Validated methods and equipment

Flexible

- Your choice of starting material including plasmid, bacterial colony or glycerol stock
- Microgram to milligram quantities from mini, midi, maxi, mega and giga preps
- Research and regulatory services

ADDITIONAL SERVICE OPTIONS

- Endotoxin-free, for your most demanding applications
- Sequence confirmation of your sample and/or prep
- Glycerol stock of your prep culture for reliable long-term storage
- Good Laboratory Practice (GLP) Service, for drugs advancing to pre-clinical and clinical stages

Choice of Starting Material

DNA

- Please provide 100 ng (minimum) in water or TE
- Transformation provided as a service
- DH5α and TOP10 standard host strains

Bacterial Colony

- Please provide fresh colonies (<3 days old) on an agar plate

Glycerol Stock

- Please provide 200 µL frozen stock

Turnaround time is typically 2-3 business days if starting from bacterial colonies, 3-4 days if starting from plasmid or glycerol stocks. Additional time is needed for large orders and optional services.

General Specifications

Test	Specification
Concentration	Varies according to project
A ₂₆₀ /A ₂₈₀	1.8–2.0
A ₂₆₀ /A ₂₃₀	2.0–2.2
Endotoxin	Less than 100 E.U. per mg
Appearance	Clear
Volume	See chart below
Total yield	See chart below
DNA homogeneity	Predominantly supercoiled
Residual RNA	Not visible on agarose gel
Genomic DNA	Less than 5%

Specifications provided in your report: concentration, A₂₆₀/A₂₃₀, A₂₆₀/A₂₈₀, volume, total yield, antibiotic

Full Spectrum of DNA Preparation Services

Prep Scale	Culture Volume	Typical Yield*
Mini	4 mL	10 µg
Midi	100 mL	100 µg
Maxi	250 mL	500 µg
Mega	500 mL	2 mg
Giga	2.5 L	10 mg

*The actual yield will vary with the nature of the plasmid, bacterial hosts, and other factors.

Sample Shipment

DNA and bacterial colonies can be shipped at room temperature. Glycerol stock should be shipped on dry ice.

For most locations, we provide free shipping via a drop box or free courier pickup. Call 877-436-3949 for free shipping options available at your site. If a drop box or courier is not available at your site, ship your samples via overnight delivery service to us at the following location:

Attn: MB Group
GENEWIZ, Inc.
115 Corporate Blvd.
South Plainfield, NJ 07080

Orders can be placed online from your GENEWIZ account. For further details on GENEWIZ Plasmid DNA Preparation Services please see www.genewiz.com.

GENEWIZ, Inc.

GLOBAL HEADQUARTERS & LABORATORY
115 Corporate Blvd.
South Plainfield, NJ 07080
1-877-GENEWIZ (436-3949) (toll-free)

BOSTON LABORATORY
Cambridge, MA

WASHINGTON DC METRO LABORATORY
Germantown, MD

SAN DIEGO LABORATORY
La Jolla, CA

BEIJING LABORATORY
Beijing, China

SUZHOU LABORATORY
Suzhou, China

SALES & TECHNICAL SUPPORT
mb@genewiz.com

1-877-GENEWIZ (436-3949) (toll-free)
1-908-222-0711 (voice)
1-908-333-4511 (fax)

www.genewiz.com