

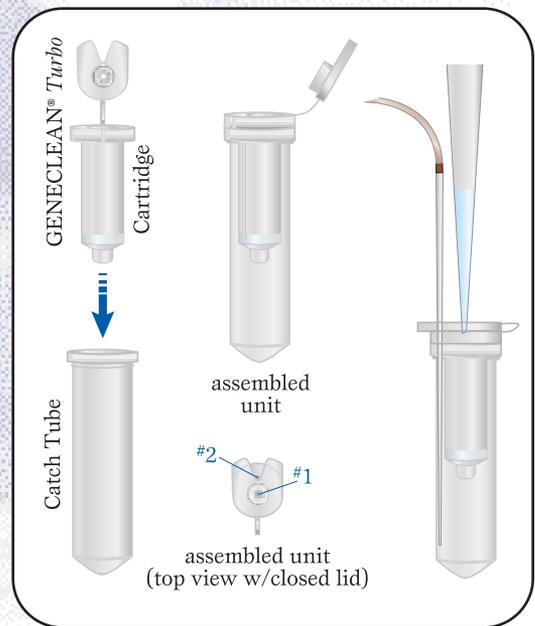
Plasmid Purification Products

- ✓ Choose from a complete range of purification scales
- ✓ Save time with Turbo technology
- ✓ Rely on proven GENE CLEAN® efficiency
- ✓ Easily produce transfection-grade plasmid DNA
- ✓ Increase throughput with 96-well formats
- ✓ Save money with economical Express™ kits
- ✓ Amplify yield with BIO 101® Systems growth media

For over 15 years, customers have looked to BIO 101® Systems for solutions to their DNA purification needs. Our patented GENE CLEAN® silica matrix simplified the process of purifying DNA fragments from solutions and gels, and functions as the driving technology behind our excellent line of plasmid purification products. We are dedicated to providing our loyal customers with the newest technologies in plasmid purification, combined with the most well-tested growth media formulations available.

New Turbo Technology

In keeping with our commitment to provide the newest, most time-saving technologies, BIO 101® Systems has incorporated GENE CLEAN®-embedded filters into our latest miniprep and high-throughput purification products. Even faster than mixing with silica and processing through a spin filter, simply pipet the DNA solution directly over the GENE CLEAN®-embedded filter and process with either a microcentrifuge or a vacuum. For miniprep-scale purification, the GENE CLEAN®-embedded filter is presented in our unique Turbo Cartridge (see figure, right). While the tube is in the microfuge, wash and elution solutions can be added through opening #1, and flow-through can be aspirated through opening #2. Twelve samples can be completely processed in under 15 minutes with these time-saving Turbo technologies!



Plasmid Purification Products

RapidPURE™ Plasmid Mini Kit

Catalog # 2066-200, 400, 600

More convenient than a silica slurry or spin filter format, the RapidPURE™ Plasmid Mini Kit uses GENECLEAN®-embedded filters in unique Turbo Cartridges for maximum efficiency and convenience (Figure 1). Process 12 samples in only 15 minutes using either a spin or vacuum method. Efficiently recover excellent yields of both high and low copy number plasmids from only 1-2ml of bacterial culture. Ultrapure plasmid is immediately ready for transfections, sequencing, and amplification. Minipreps have never been easier!

RapidPURE™ Plasmid Mini 96 Kit

Catalog # 2067-200, 400, 600

GENECLEAN®-embedded filters are now available in a 96-well plate! The RapidPURE™ Plasmid Mini 96 Kit is optimized for the purification of high-quality plasmids in a high-throughput format. High or low copy number plasmids can be efficiently recovered from only 1ml of bacterial culture in less than one hour using either a spin or vacuum method. Ultrapure plasmid is immediately ready for transfections, sequencing, and amplification.

RapidPURE™ Plasmid Midi Kit

Catalog # 2005-200, 400, 600

Purify up to 150µg of high and low copy number plasmids easily and economically with the RapidPURE™ Plasmid Midi Kit. Simply bind DNA from a cleared bacterial lysate to the patented GENECLEAN® matrix, wash through a spin filter, and elute high-quality plasmid DNA. Ultrapure plasmid is immediately ready for transfections, sequencing, and amplification.

Kit Name	Scale	Quantity
RapidPURE™ Plasmid Mini Kit	Mini	≤ 20 µg
RapidPURE™ Plasmid Mini 96 Kit	Mini	≤ 25 µg
RPM® Kit	Mini	≤ 20 µg
Yeast RPM® Kit	Mini	≤ 20 µg
96well Prep Express	Mini	≤ 25 µg
MiniPrep Express™ Matrix	Mini	1-5 µg
RapidPURE Plasmid Midi Kit	Midi	≤ 150 µg
RapidPURE™ Plasmid Maxi GF Kit	Maxi	≤ 500 µg
RapidPURE™ Plasmid Maxi GF Endo Free Kit	Maxi	≤ 500 µg
RapidPURE™ Plasmid Giga Kit	Giga	≤ 10 mg

RPM® Kit

Catalog # 2070-200, 400, 500, 600

Purify up to 20µg of high and low copy number plasmids easily and economically with the RPM® Kit. Simply bind DNA from a cleared bacterial lysate to the patented GENECLEAN® matrix, wash through a spin filter, and elute high-quality plasmid DNA. Ultrapure plasmid is immediately ready for transfections, sequencing, and amplification.

Starting Culture	Format	Method
1-2 ml	GLASSMILK®-embedded <i>Turbo</i> filter	Spin or vacuum
1-2 ml	GLASSMILK®-embedded <i>Turbo</i> filter plate	Spin or vacuum
1-2 ml	GLASSMILK® slurry plus SPIN filter	Spin
1-2 ml	GLASSMILK® slurry plus SPIN filter	Spin
1-2 ml	GLASSMILK®-embedded <i>Turbo</i> filter plate	Spin or vacuum
1 ml	GLASSMILK® slurry	Spin
10-30 ml	GLASSMILK® slurry plus SPIN filter	Spin
500 ml	Ready-to-Use Column	Gravity Flow
500 ml	Ready-to-Use Column	Gravity Flow
300 ml-3L	GLASSMILK® slurry	Spin and vacuum

Yeast RPM® Kit

Catalog # 2069-400

The Yeast RPM® Kit allows isolation of plasmid DNA from both yeast and bacterial cells. A GLASSMILK® purification process in conjunction with SPIN modules increases yield and allows optimal DNA quality. The isolated DNA can be used for screening and bacterial transformations. The Yeast RPM® Kit can also be used to isolate plasmid DNA from bacterial cells. The dual nature of this kit makes it the perfect choice for screening of two-hybrid transformants.

RapidPURE™ Plasmid Maxi GF Kits

Catalog # 2076-200, 2073-200, 2074-200

RapidPURE™ Plasmid Maxi GF Kits offer the fastest, easiest method for purification of up to 500µg of ultrapure plasmid DNA. Reagents are quickly measured and dispensed using a novel pipet-free bottle, and the ready-to-use gravity flow columns are clog-free and require no hydration. Samples are ready to precipitate in under 30 minutes with the RapidPURE™ Plasmid Maxi GF Kit, and in under 60 minutes with the RapidPURE™ Plasmid Maxi GF Endo Free Kit. A separate reagent kit is also available if column regeneration is desired.

RapidPURE™ Plasmid Giga Kit

Catalog # 2078-200

Also known as the BIO 101® Systems “Mini-MonsterPrep Kit”, the RapidPURE™ Plasmid Giga Kit offers a tried and true method for purification of up to 10mg ultrapure plasmid DNA from liquid cultures of 300ml to 3 liters. Protocols are provided in order to maximize recovery of both high and low copy number plasmids. Each prep can be processed in approximately 2 hours with no phenol, chloroform, or slow gravity flow columns. Plasmid DNA is bound to a patented GENE CLEAN® matrix and further processed in a standard centrifuge.

Miniprep Express™ Kits

Catalog # 2000-200, 2002-200

Miniprep Express™ Matrix (#2000-200) is the easiest, most cost-effective way to purify miniprep quantities of ultrapure plasmid DNA. This patented GENE CLEAN® matrix is provided with the recipes necessary for either alkaline lysis or boiling miniprep procedures. One bottle allows for the rapid purification and screening of 1,250 samples for less than 12¢ per prep! For high-throughput minipreps at an economical price, the 96well Prep Express Kit (#2002-200) includes GENE CLEAN®-embedded filters in a 96-well plate format. The plates can be processed using either a spin or vacuum method for less than 60¢ per prep!

Ordering Information & Related Products

Description	Cat. #	Product Name	Size
Miniprep kits	2066-200	RapidPURE™ Plasmid Mini Kit	60
	2066-400	RapidPURE™ Plasmid Mini Kit	120
	2066-600	RapidPURE™ Plasmid Mini Kit	300
	2067-200	RapidPURE™ Plasmid Mini 96 Kit	96
	2067-400	RapidPURE™ Plasmid Mini 96 Kit	192
	2067-600	RapidPURE™ Plasmid Mini 96 Kit	960
	2070-200	RPM® Kit	60
	2070-400	RPM® Kit	120
	2070-500	RPM® Kit	300
	2070-600	RPM® Kit	600
	2069-400	Yeast RPM® Kit	100
	2000-200	MiniPrep Express™ Matrix	1,250
2002-200	96well Prep Express	384	
Midiprep kits	2005-200	RapidPURE™ Plasmid Midi Kit	25
	2005-400	RapidPURE™ Plasmid Midi Kit	75
	2005-600	RapidPURE™ Plasmid Midi Kit	150
Maxiprep kits	2076-200	RapidPURE™ Plasmid Maxi GF Kit	20
	2073-200	RapidPURE™ Plasmid Maxi GF Reagent Kit	20
	2074-200	RapidPURE™ Plasmid Maxi GF Endo Free Kit	10
Gigaprep kit	2078-200	RapidPURE™ Plasmid Giga Kit	12
Related Growth Media*			
Exceptional plasmid yield	3000-112	CIRCLEGROW® (Powder)	227 g (0.5 lb)
	3000-165	CIRCLEGROW® (Pack)	10 x 0.5 L Pouches
	3000-121	CIRCLEGROW® (Capsules)	250 Caps
	3000-104	CIRCLEGROW® (Sterile Solution)	500 ml
Non-shaking or 96-well cultures	3101-112	GS96 Media (Powder)	227 g (0.5 lb)
	3101-065	GS96 Media (Pack)	10 x 0.5 L Pouches
	3101-014	GS96 Media (Sterile Solution)	250 ml
Standard growth media	3002-012	LB-Medium (Powder)	227 g (0.5 lb)
	3002-065	LB-Medium (Pack)	10 x 0.5 L Pouches
	3002-011	LB-Medium (Capsules)	227 g (0.5 lb)
	3002-014	LB-Medium (Sterile Solution)	500 ml

*Hundreds of sizes and formulations of bacterial and yeast growth media are available. Please see our website, catalog, or inquire for details!



BPLAS4-3A01

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Phone orders : 1-800-424-6101
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E-mail : orders@qbiogene.com

www.qbiogene.com

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