



UltraClean™ 6 Minute Mini Plasmid Prep Kit

Fastest kit available for high quality minipreps in just 6 minutes

DESCRIPTION

The UltraClean™ 6 Minute Mini Plasmid Prep Kit provides the fastest method and most efficient set of reagents available to purify plasmid DNA from 1 - 5 ml bacterial cultures. Based on a silica spin filter method, this kit elutes purified DNA in small working volumes of between 50 and 100 µl. See how easy it is to get pure plasmid DNA in just 6 minutes. This high quality DNA can be sequenced, used in restriction digests, ligation, PCR and other downstream applications. For a more traditional protocol try the UltraClean™ Standard Mini Plasmid Prep Kit.

A unique feature of this kit is its compatibility with high nutrient media. Low copy plasmid yield is improved by growth in high nutrient media; however, most competitor purification kits are not compatible with this media and can lead to genomic DNA contamination. As shown in the gel, the UltraClean™ 6 Minute Mini Plasmid Prep Kit increases yields of low copy plasmids, with no genomic DNA contamination in just 6 minutes vs. a leading competitor miniprep kit.

Specifications	
Format	Silica Spin Filter Tubes
Method	Alkaline Lysis
Binding Capacity	Up to 20 µg per filter
Throughput	1 - 24 samples
Time	6 minutes
Equipment Required	Microcentrifuge

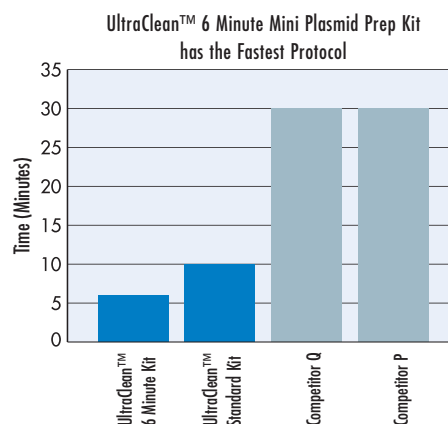
REFERENCES:

1. Bauer, B., A.M.S. Hartz, G. Fricker, and D.S. Miller (2004). *Molecular Pharmacology*. 66(3): 413-419.
2. Lopez-Matas, M.A., P. Nuñez, A. Soto, I. Allona, R. Casado, C. Collada, M.A. Guevara, C. Aragoncillo, and L. Gomez (2004). *Plant Physiology*. 134: 1708-1717.

RELATED PRODUCTS YOU MAY NEED

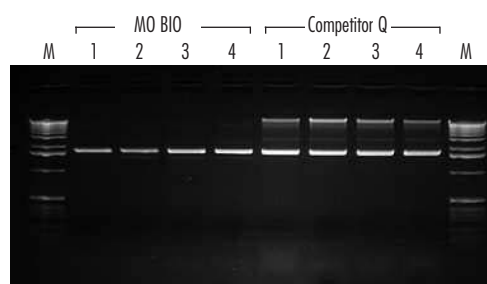
UltraClean-htp™ 96 Well Plasmid Prep Kit
 UltraClean™ Midi Plasmid Prep Kit
 TB DRY™ Powder Growth Media

UltraClean™ 6 Minute Mini Plasmid Prep Kit	
Catalog No.	Quantity
12300-50	50 preps
12300-100	100 preps
12300-250	250 preps



Features and Benefits

- Rapid protocol yields high quality plasmid DNA in 6 minutes
- Easy format utilizes a silica spin filter method
- Robust yields up to 20 µg of plasmid from 1 - 5 mls of culture
- Ideal for increasing yields of low copy plasmids grown in TB DRY™ Powder Growth Media
- Complete kit includes all silica spin filters and tubes



Cleaner Results in Less Time

The UltraClean™ 6 Minute Mini Plasmid Prep Kit produces cleaner plasmid DNA in less time than a leading competitor miniprep kit.

ORDER NOW



www.mobio.com

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 Toll Free: 800-606-6246
 Phone: 760-929-9911
 Fax: 760-929-0109

Technical Service: technical@mobio.com

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PLASMID MINIPREPS

Plasmid Minipreps

UltraClean™ Standard Mini Plasmid Prep Kit

For isolation of high quality DNA using a familiar miniprep protocol

Features and Benefits

- Yields high quality DNA, ready for restriction digest, sequencing, labeling or PCR
- Easy and familiar format utilizes a silica spin filter method and standard reagent volumes
- Robust yields up to 20 µg of plasmid from 1 - 5 mls of culture
- Ideal for low copy plasmids grown in TB DRY™ Powder Growth Media

DESCRIPTION

The UltraClean™ Standard Mini Plasmid Prep Kit is based on the standard alkaline lysis technique used in most plasmid prep protocols. The kit uses the same reagents and volumes as in most competitor kits so you do not need to learn a new protocol. Our optimized reagents and shorter centrifuge times provide a protocol that is quicker and easier than others. Its silica spin filters purify and recover the highest possible yields of sequence quality plasmid.

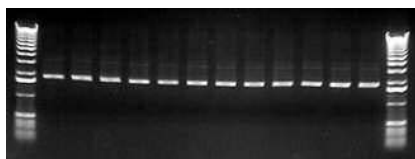
Compatible with LB and all high nutrient growth media, the UltraClean™ Standard Mini Plasmid Prep Kit produces plasmids free of genomic DNA contamination. The DNA is concentrated enough to proceed directly with automated sequencing and can also be used in restriction digests, ligation, PCR and other downstream applications.

UltraClean-htp™ 96 Well Plasmid Prep Kit

For high throughput plasmid minipreps in less than 45 minutes

Features and Benefits

- Flexible format - protocols available for centrifugation or vacuum formats.



Consistent Yields Obtained with the UltraClean-htp™ 96 Well Plasmid Prep Kit

Isolation of pUC 19 plasmid DNA. Analysis displayed on a 1.2% TAE agarose gel.

REFERENCES:

1. Shen, B., Wang, D.M., McIntyre, C.L., Liu, C.J. (2005) *Theoretical and Applied Genetics* 111(8): 1489-1494.
2. Desjardins, E., Brown, D.W., Yun, S.-H., Proctor, R.H., Lee, T., Plattner, R.D., Lu, S.-W., Turgeon, B.G. (2004) *Applied and Environmental Microbiology* 70(4): 2437-2444.

RELATED PRODUCTS YOU MAY NEED

UltraClean™ 6 Minute Mini Plasmid Prep Kit
UltraVac™ Manifold
TB DRY™ Powder Growth Media

DESCRIPTION

The UltraClean-htp™ 96 Well Plasmid Prep Kit is designed to isolate plasmid DNA in 96 well plates. Cells are centrifuged, lysed, and the DNA is bound to a silica membrane spin filter plate. The DNA is washed and then recovered in Tris buffer or water. The plasmid DNA is ready for automated sequencing without further purification. Requires a plate centrifuge or UltraVac™ Manifold and Vacuum Pump.

Specifications	UltraClean™ Standard Mini Plasmid Prep Kit	UltraClean-htp™ 96 Well Plasmid Prep Kit
Format	Silica Spin Filter Tubes	Silica Spin Filter Plate
Method	Alkaline Lysis	Alkaline Lysis
Binding Capacity	Up to 20 µg per filter	Up to 20 µg per well
Throughput	1 - 24 samples	96 samples
Time	10 minutes	45 minutes
Equipment Required	Microcentrifuge	UltraVac™ Manifold & Vacuum Pump

UltraClean™ Standard Mini Plasmid Prep Kit	
Catalog No.	Quantity
12301-50	50 preps
12301-100	100 preps
12301-250	250 preps
UltraClean-htp™ 96 Well Plasmid Prep Kit	
Catalog No.	Quantity
12396-4	4 x 96 preps
12396-12	12 x 96 preps