



## UltraClean™ Midi Plasmid Prep Kit UltraClean™ Maxi Plasmid Prep Kit

For isolation of plasmids from large culture volumes

### DESCRIPTION

The UltraClean™ Midi Plasmid Prep Kit and the UltraClean™ Maxi Plasmid Prep Kit are designed to isolate plasmid DNA from large culture volumes of *E. coli*. These kits use the same silica spin filter technology employed in the UltraClean™ 6 Minute Mini Plasmid Prep Kit. Unlike other kits, these midi and maxi plasmid prep kits can be used with LB Broth culture and high nutrient broth culture at media volumes shown in the table below.

The recovered DNA is ready for use directly in automated sequencing, restriction digests, labeling, PCR and other downstream applications.

Specifications	UltraClean™ Midi Plasmid Prep Kit	UltraClean™ Maxi Plasmid Prep Kit
Format	15 ml Silica Spin Filter Tubes	50 ml Silica Spin Filter Tubes
Method	Alkaline Lysis	Alkaline Lysis
Binding Capacity	Up to 50 µg per filter	Up to 1 mg per filter
Media Volume	TB DRY™, 25 ml LB Broth, 50 ml	TB DRY™, 250 ml LB Broth, 500 ml
Throughput	1 - 12 samples	1 - 4 samples
Time	30 minutes	45 minutes

### REFERENCES:

1. Stevens, T.A., J.S. Iacovoni, D.B. Edelman, and R. Meech. (2004) *Journal of Biological Chemistry* 279(15): 14520-14530.

### RELATED PRODUCTS YOU MAY NEED

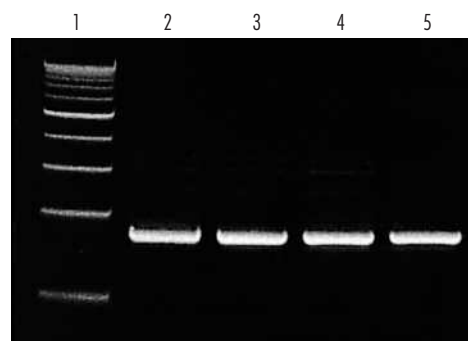
TB DRY™ Powder Growth Media  
UltraClean™ 6 Minute Mini Plasmid Prep Kit  
DNA Molecular Weight Markers

UltraClean™ Midi Plasmid Prep Kit	
Catalog No.	Quantity
12700-20	20 preps
12700-50	50 preps
UltraClean™ Maxi Plasmid Prep Kit	
Catalog No.	Quantity
12600-10	10 preps
12600-20	20 preps



### Features and Benefits

- Rapid protocol isolates high quality plasmid DNA in 30 minutes
- Yields high quality DNA, ready for restriction digest, sequencing, labeling or PCR
- Easy format utilizes large silica spin filters
- High yields from standard or high nutrient broth culture



Consistent Plasmid Yield Every Time with the UltraClean™ Maxi Plasmid Prep Kit

Lane 1: marker. Lanes 2-5: Separate cultures of pUC 19.

ORDER NOW



www.mobio.com

Orders: orders@mobio.com  
Toll Free: 800-606-6246  
Phone: 760-929-9911  
Fax: 760-929-0109

Technical Service: technical@mobio.com