

AxyPrep™ Midi and Maxi Plasmid Kits

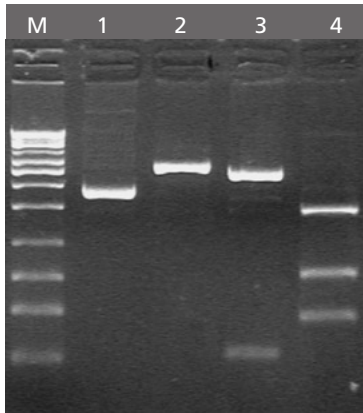
These kits are based upon a modified SDS-alkaline lysis of bacterial cells in combination with lysate filtration and the selective binding of the plasmid DNA to special AxyPrep purification columns. The protocols provide simple, rapid and efficient methods for the isolation of highly purified plasmid DNA. The yield of plasmid for the Midiprep and Maxiprep kits is up to 100 µg and 500 µg respectively. The entire purification processes can be completed in 30 minutes for the Midiprep, and 45 minutes for the Maxiprep. Plasmid prepared by this method will exhibit excellent performance in any application requiring highly purified plasmid DNA in larger quantities, such as mammalian cell transfection, etc. Also suitable for DNA sequencing, restriction digestion, *in vitro* transcription and bacterial transformation.

FEATURES:

- Rapid lysate filtration
- No alcohol precipitation
- High yields
- High-purity plasmid suitable for many applications
- Three kit sizes

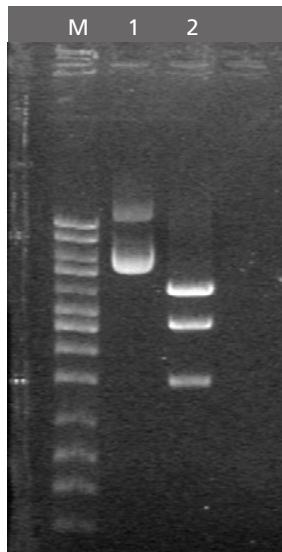


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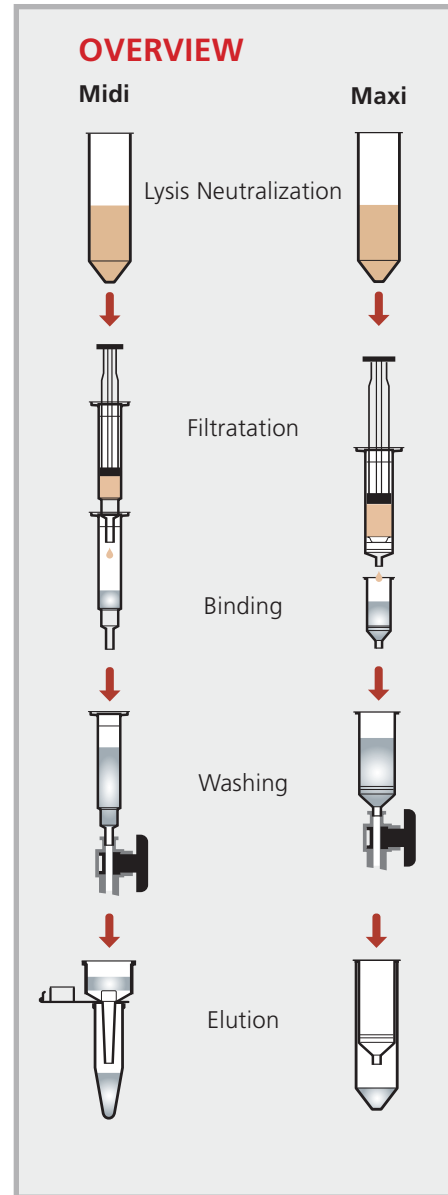
Plasmid pUC19 purified with the AxyPrep Plasmid Midiprep Kit. 0.4 µg/lane.

- Lane 1: Unrestricted
- Lane 2: Restricted with EcoR I
- Lane 3: Restricted with Pvu II
- Lane 4: Restricted with Taq I
- M: Axygen 1Kb DNA Ladder



Plasmid pCDNA3.1 (with insert) purified with the AxyPrep Plasmid Maxiprep Kit. 0.4 µg/lane.

- Lane 1: Unrestricted
- Lane 2: Restricted with EcoR I
- M: Axygen 1Kb DNA Ladder



ORDERING INFORMATION:

AxyPrep Midi and Maxi Plasmid Kits are sold in kit sizes of 2, 10 and 25 preps.

Plasmid Midiprep Kit Sizes	Catalog No.
2 preps	AP-MD-P-2
10 preps	AP-MD-P-10
25 preps	AP-MD-P-25
Plasmid Maxiprep Kit Sizes	Catalog No.
2 preps	AP-MX-P-2
10 preps	AP-MX-P-10
25 preps	AP-MX-P-25

Call 888-5-AXYBIO for pricing or more information.



Axygen Biosciences, Inc.
 33210 Central Avenue
 Union City, CA 94587, USA
 www.axygenbio.com

Phone: 510-476-1090
 888-529-9246 (888-5-AXYBIO)
 Fax: 510-476-1091

e-mail Technical Support:
 techsupport@axygenbio.com
 Customer Service:
 customersupport@axygenbio.com