

FEATURES & BENEFITS

- **Speed** - Purification of plasmid DNA in 30 min or less
- **Safety** - No Phenol/chloroform extractions
- **Quality** - DNA suitable for downstream applications
- **Versatility:** Spin and vacuum formats available

Cat. No.	Preps	Price
E.Z.N.A. [®] Plasmid Mini Kit I, V-Spin Column		
D6943-00	5	\$12.42
D6943-01	50	\$46.58
D6943-02	200	\$170.78
E.Z.N.A. [®] Plasmid Mini Kit I, V-Spin Column		
D6942-00	5	\$12.42
D6942-01	50	\$46.58
D6942-02	200	\$170.78
E.Z.N.A. Plasmid Mini Kit II, Q-Spin Column		
D6945-00	5	\$15.53
D6945-01	50	\$59.00
D6945-02	200	\$212.18



Plasmid Mini Kit I

The E.Z.N.A.[®] Plasmid Mini Kit I is designed to isolate up to 30 ug of high-quality plasmid DNA from 1-5 ml bacterial cultures in 30 minutes or less. Plasmid DNA purification is simplified with HiBind mini-column into three quick steps: Bind, Wash and Elute. Purified plasmid DNA is immediately ready for a wide variety of downstream applications such as routine screening, restriction enzyme digestion, and manual/automated fluorescent DNA sequencing.

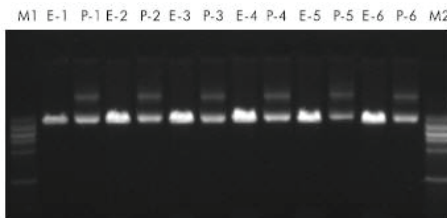
Plasmid Mini Kit II

This second generation plasmid miniprep kit yields 40-70ug of high quality DNA in less than 30 minutes. The DNA binding capacity is increased to allow culture volumes of up to 15ml to be used thus bridging the gap between mini and midi prep protocols.

E.Z.N.A.[®] Plasmid Mini Kits I & II Protocol

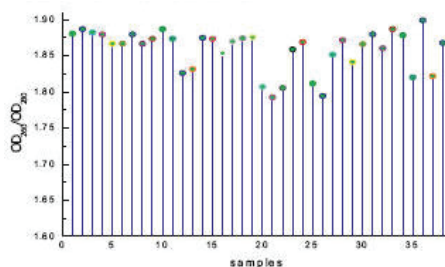


Purified DNA suitable for downstream applications



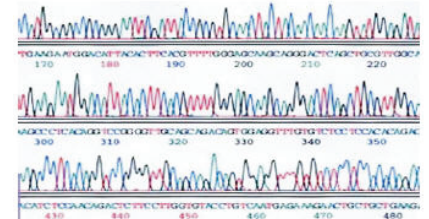
Restriction analysis of plasmid DNA purified with the E.Z.N.A. Plasmid Mini Kit I. Digestion was carried out with EcoRI. M1: 100bp DNA Marker. M2: 1kb Marker. P-1, P-2, P-3, P-4, P-5, P-6: Isolated plasmid DNA. E-1, E-2, E-3, E-4, E-5, E-6: Plasmid DNA digested with EcoRI.

High Pure Plasmid DNA



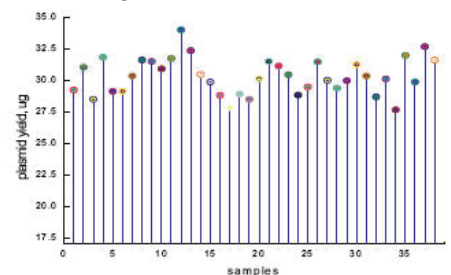
Plasmid isolation results obtained by using E.Z.N.A. Plasmid Mini Kit I. OD readings was measured with different samples. The ratio of OD /OD ranged from 1.80 to 1.90.

High-Quality DNA for Sequencing Analysis



Sequencing analysis of pET-15b plasmid DNA isolated with the E.Z.N.A. Plasmid Mini Kit I and then analyzed on an ABI 3730 DNA sequencer.

High Yield of Plasmid DNA



Plasmid isolation results obtained by using E.Z.N.A. Plasmid Mini Kit I. Yields were measured with different samples. The yields ranged from 27.3 ug to 33.4 ug.