

E.Z.N.A.[®] FastFilter Plasmid DNA Midi Kit

Isolates up to 200 µg plasmid DNA in less than 40 minutes

CAT NO: D6904



Rapid

40 minutes or less processing time



Quality

Sequence quality DNA preparations



Safe

No phenol-chloroform extractions



Versatile

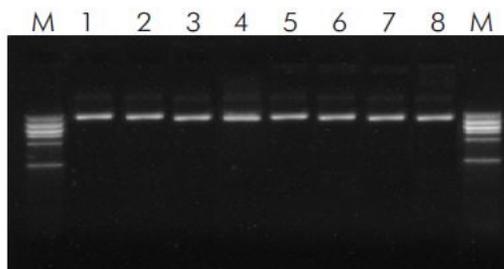
Spin and vacuum protocols



Cost-Effective

30% less than the competition on average

E.Z.N.A.[®] FastFilter Plasmid DNA Midi Kit offers a novel and reliable method for isolating up to 200 µg of plasmid DNA in less than 40 minutes. A lysate clearance syringe replaces a time consuming centrifugation and transfer step, saving 20-30 minutes. This kit combines HiBind[®] membrane technology with the time tested consistency of alkaline SDS lysis of bacterial cells to deliver high quality plasmid DNA. Plasmid purification using the E.Z.N.A.[®] FastFilter Plasmid Midi Kit follows a simple bind-wash-elute procedure thereby making it possible for multiple samples to be processed. Although yields vary according to plasmid copy number, *E. coli* strain and conditions of growth, 50 mL of an overnight culture in LB medium will typically produce 200 µg of high copy number plasmid DNA. When working with low copy number plasmids, one can increase the starting culture volume to 100 mL. High quality DNA is ready for immediate use in routine molecular biology applications such as automated fluorescent sequencing, restriction enzyme digestion, and transfection screening.



Plasmid DNA Purified using E.Z.N.A.[®] FastFilter Plasmid Midi Kit

Figure 1. DNA was isolated from eight 30 mL bacterial cultures grown 16 hours in LB culture using the E.Z.N.A.[®] FastFilter Plasmid Midi Kit and eluted in 300 µL elution buffer. Plasmid DNA (1% of total purified DNA) was analyzed on a 0.8% agarose gel. Lanes 1-8 represent plasmid DNA from 8 different bacterial cultures. M: 1 kb DNA marker.

Product Description	Preps	Cat No.
E.Z.N.A. [®] FastFilter Plasmid DNA Midi Kit	2	D6905-00
	25	D6905-03
	100	D6905-04

For free samples of any of our kits, visit www.omegabiotek.com



innovation in nucleic acid purification

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Lit No. SL-0020