

E.Z.N.A.[®] Endo-Free Plasmid Midi & Maxi Kits

Quick & simple large scale isolation of endotoxin-free (<1 EU/μg) plasmid DNA

CAT NO: D6926



Rapid

Isolation of plasmid DNA
in 45 minutes or less



Versatile

Spin and vacuum protocols



Quality

Endotoxin-free, transfection-
quality plasmid suitable for
a variety of downstream
applications



Safe

No organic extractions

Cost-Effective

30% less than the
the competition
on average

E.Z.N.A.[®] Endo-Free Plasmid Midi & Maxi Kits provide an efficient method for the large-scale isolation of endotoxin-free plasmid DNA. Following lysis, endotoxins are removed from the cleared lysate with the addition of ETR solution. Plasmid DNA is isolated following a simple bind-wash-elute procedure, thereby making it possible for multiple samples to be processed. Up to 200 μg of high-quality plasmid DNA can be purified from 15-50 mL of overnight culture (D6915), and up to 1 mg from 50-200 mL of overnight culture (D6926). Purified DNA samples are ready to be used in downstream applications such as automated fluorescent DNA sequencing, restriction enzyme digestion, transfection of mammalian cells, cloning, and PCR amplification.

Vector	A ₂₆₀ /A ₂₈₀	Yield (μg)	Endotoxin Conc. (EU/μg)
Midi kit	1.91	186.0	0.6
	1.85	195.3	0.8
	1.87	190.7	0.4
Maxi kit	1.88	892.0	0.2
	1.90	933.0	0.8
	1.89	915.0	0.4

Plasmid DNA Yield & Quality

Figure 1. Plasmid (PEGF-N1) DNA was isolated from 50 mL (midi kit)/200 mL (maxi kit) of LB cultures. DNA was eluted in 500 μL (midi kit)/2 mL (maxi kit) endotoxin-free elution buffer and quantitated using Thermo Scientific's NanoDrop[®] 2000. Endotoxin concentration was measured using dynamic turbidity method.

Product Description	Preps	Cat No.
E.Z.N.A. [®] Endo-Free Plasmid Midi Kit	2	D6915-00
	10	D6915-01
	25	D6915-03
	100	D6915-04

Product Description	Preps	Cat No.
E.Z.N.A. [®] Endo-Free Plasmid Maxi Kit	2	D6926-00
	5	D6926-01
	25	D6926-03
	100	D6926-04

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