



ZYMO RESEARCH

The Beauty of Science is to Make Things Simple



Endless possibilities, **what will you create?**

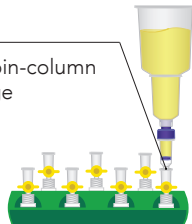
ZymoPURE™ II Plasmid Purification Kits

- **Fastest:** Simple 20 minute Midi/Maxi preps.
- **Highest Yield:** 6x more plasmid.
- **Ultra-Pure:** EndoZero™, vaccine grade*, and transfection ready.

Simple 20 minute EndoZero™ Midi/Maxi preps

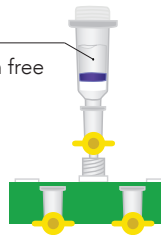
bind

rapid loading onto a spin-column via vacuum or centrifuge



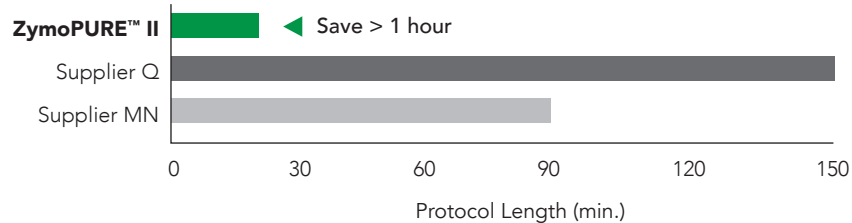
wash

for ultra-pure endotoxin free plasmid DNA

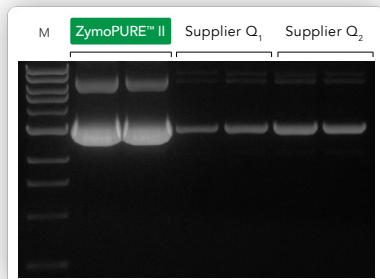


elute

transfection ready from spin-column



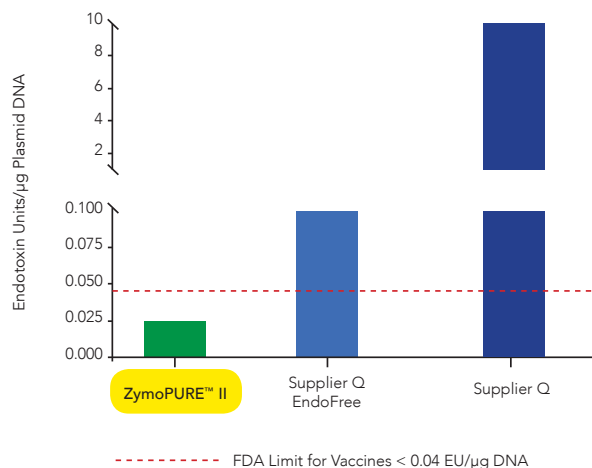
Highest Yield & Lowest Elution Volume



Ultra-pure Vaccine Grade Plasmid DNA



The EndoZero™ spin column removes endotoxins with a simple spin



Endotoxins below FDA Limit for Vaccines

Stated manufacturers' endotoxin levels for the ZymoPURE™ II Maxiprep kit compared to two separate kits from Supplier Q.

* Endotoxins $< 0.04\text{ EU}/\mu\text{g}$ of plasmid DNA meets the FDA limit for vaccines

Product	Cat. No.	Size	Processing Time	Culture Volume	Elution Volume	Plasmid Yield	Endotoxins
ZymoPURE™ II Plasmid Midiprep Kit	D4200 D4201	25 preps 50 preps	≤ 20 minutes	50 ml	$\geq 100\ \mu\text{l}$	300 μg	$\leq 0.025\text{ EU}/\mu\text{g}$
ZymoPURE™ II Plasmid Maxiprep Kit	D4202 D4203	10 preps 20 preps	≤ 20 minutes	150 ml	$\geq 200\ \mu\text{l}$	1.2 mg	$\leq 0.025\text{ EU}/\mu\text{g}$
ZymoPURE™ II Plasmid Gigaprep Kit	D4204	5 preps	≤ 50 minutes	2.5 L	$\geq 2\ \text{ml}$	10 mg	$\leq 0.025\text{ EU}/\mu\text{g}$

