



ZYMO RESEARCH

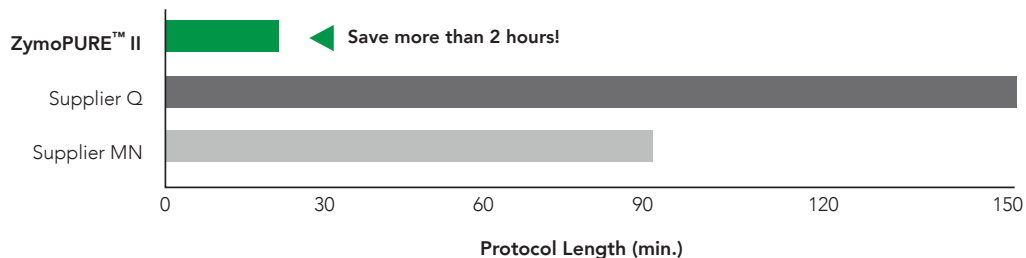
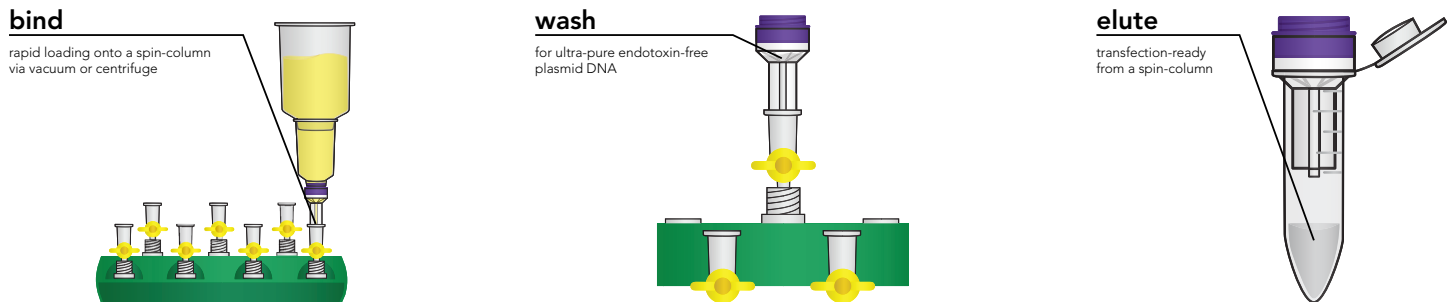
The Beauty of Science is to Make Things Simple™

Simplify Your Transfection Workflow

ZymoPURE™ II Plasmid Purification Kits

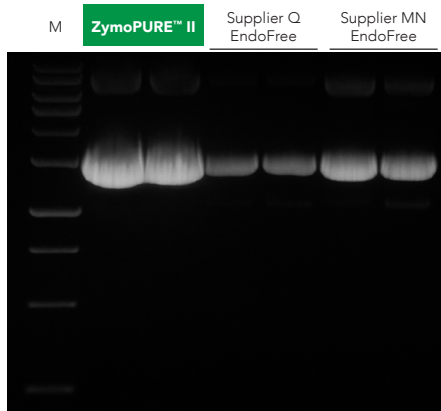
- **Fastest** : Simple 16-minute Midi/Maxi preps
- **Highest Yield**: Up to 3 mg from a Spin-Column
- **Ultra-Pure**: Endotoxin-Free and Transfection Ready

Perform Transfection-Ready Midi & Maxi preps in Only 16 Minutes

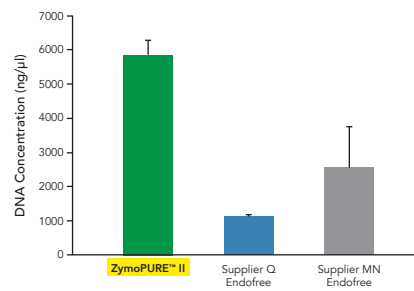


Our patented ZymoPURE™ plasmid purification system features a novel binding chemistry and EZ-Flow™ Spin-Column design that enables simple purification of transfection-ready plasmid DNA up to 9x faster using a vacuum manifold or centrifuge. No gravity flow columns or tedious alcohol precipitation steps are required.

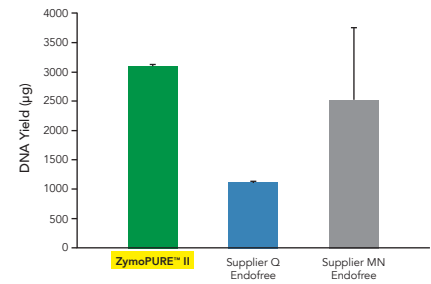
Consistent Highly Concentrated Transfection Grade Plasmid



Up to 6x More Concentrated Plasmid

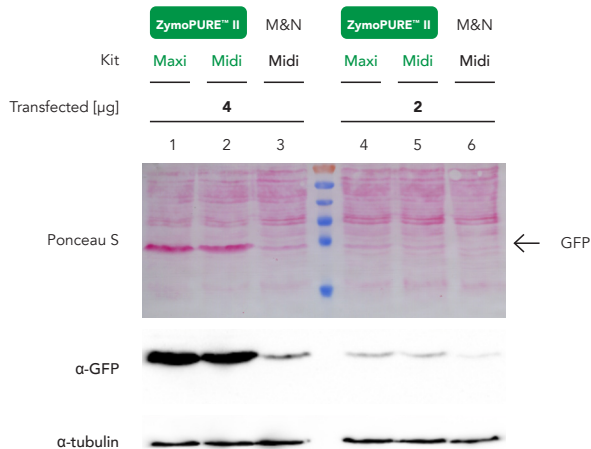


Up to 3x More Plasmid DNA Yield



Yield and concentration for plasmid DNA isolated using the ZymoPURE™ II Maxiprep kit compared to two endotoxin-free kits from Supplier Q and Supplier MN. Plasmid DNA (pGL3[®]) was isolated from 150 ml of JM109 *E. coli* culture grown overnight following the manufacturer's suggested protocol (in duplicate). One (1) μl of eluted plasmid DNA was visualized post agarose gel electrophoresis. M, ZR 1 kb DNA Marker (Zymo Research).

Dependable Purification of Transfection Grade Plasmid



Plasmid DNA prepared with ZymoPURE Kits exhibit superior transfection efficiency. HeLa Cells seeded in a 6-well plate were transfected with either 2 or 4 μg of pCI-neo[®]+GFP plasmid isolated from 100 ml of bacteria culture using the ZymoPURE Midiprep Kit, ZymoPURE Maxiprep Kit, or MN Midiprep Kit. GFP expression was assessed 48 hours later in cell lysates using western blot and Ponceau S staining. The blot was also probed with an antibody against alpha-Tubulin in order to verify equal loading samples. **Data generated by V.B. at University of Cologne.**

Product	Cat. No.	Size	Processing Time	Culture Volume	Minimum Elution Volume	Maximum Plasmid Yield	Endotoxins
ZymoPURE™ II Plasmid Midiprep Kit	D4200 D4201	25 preps 50 preps	≤ 18 minutes	50 ml	≥ 150 μl	1.2 mg	≤ 0.025 EU/μg
ZymoPURE™ II Plasmid Maxiprep Kit	D4202 D4203	10 preps 20 preps	≤ 18 minutes	150 ml	≥ 300 μl	3.0 mg	≤ 0.025 EU/μg
ZymoPURE™ II Plasmid Gigaprep Kit	D4204	5 preps	≤ 45 minutes	2.5 L	≥ 3 ml	25 mg	≤ 0.025 EU/μg



info@zymoresearch.com



www.zymoresearch.com



Toll Free: (888) 882-9682