

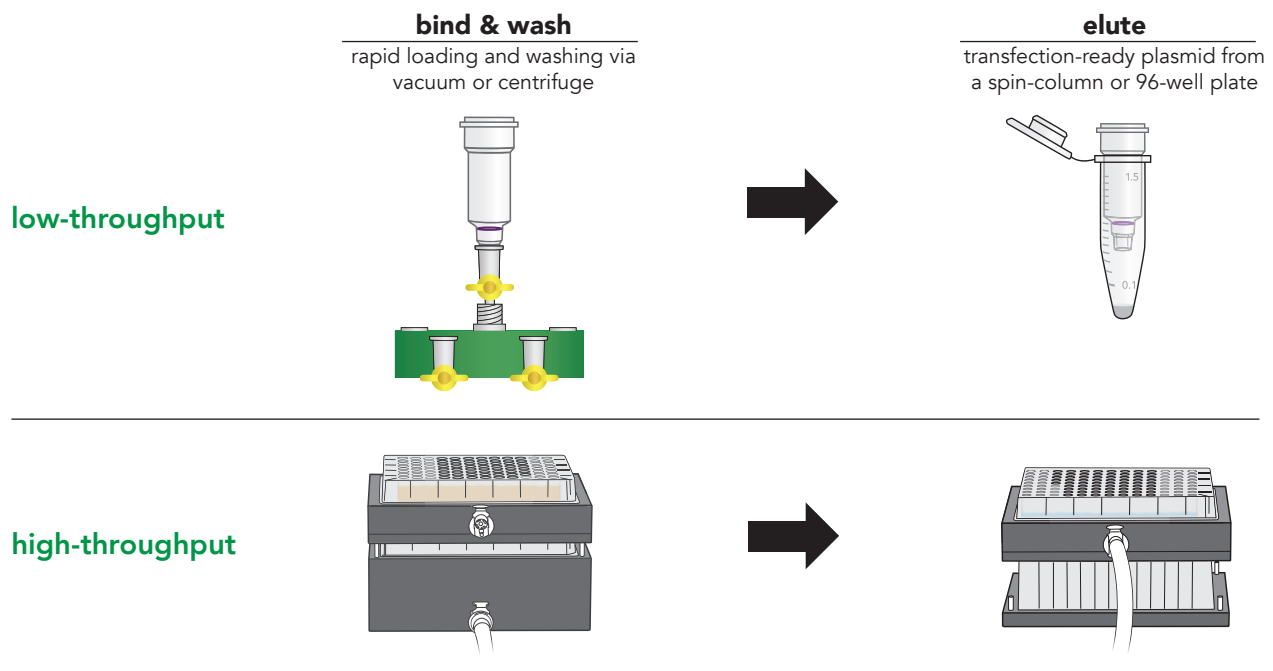


Get Your Transfection-Grade Plasmid from a Miniprep!

ZymoPURE™ Plasmid Miniprep Kits

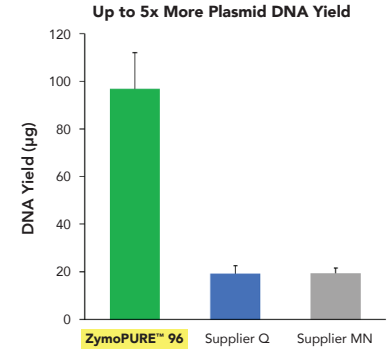
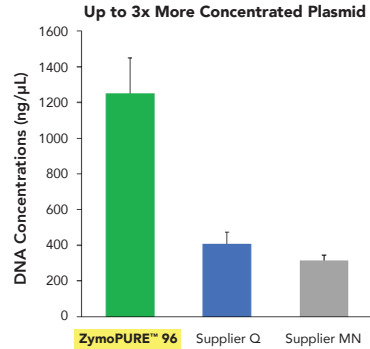
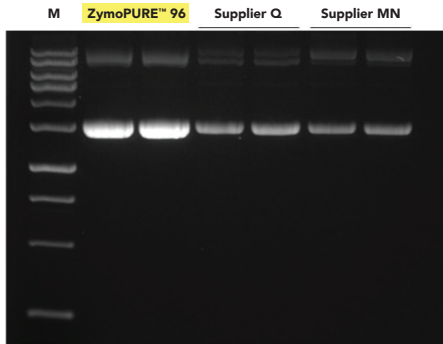
- **Convenient Formats:** Available in Spin-Column or 96-Well Plate
- **Highest Yield:** Up to 100 µg of Highly Concentrated Plasmid DNA
- **Transfection-Ready:** Low Endotoxins and Ultra-Pure

Conveniently Available in Spin-Column and 96-Well Plate Formats



The ZymoPURE™ Miniprep is conveniently available in a spin-column or 96-well plate format that allows for the purification of transfection-ready plasmid DNA using a vacuum manifold or centrifuge.

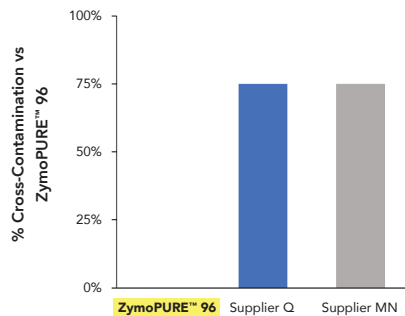
Achieve the Highest Yield of Plasmid DNA from a Miniprep



Concentration and yield for plasmid DNA using the ZymoPURE™ 96 Plasmid Miniprep kit compared to two popular 96 vacuum plate kits from Supplier Q and Supplier MN. Plasmid DNA (pGL3®) was isolated from 5 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).

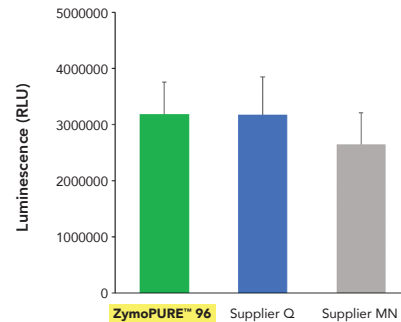
Robust Purification of High-Quality Plasmid DNA

Novel 96-Well Wash Plate Significantly Reduces Cross-Contamination



Percent cross-contamination of two popular 96 vacuum plate kits from Supplier Q and Supplier MN compared to ZymoPURE™ 96 Plasmid Miniprep kit. Plasmid DNA (pGL3®) was isolated from 1 ml of JM109 *E. coli* culture grown overnight following the manufacturer's suggested protocol (in replicates). Unused wells adjacent to sample-processed wells were eluted and quantified for the presence of pGL3® plasmid DNA through qPCR. The number of cross-contaminated unused wells was compared between kits.

Eluted Plasmid DNA is Transfection-Ready



Transfection efficiency of plasmid prepared using ZymoPURE chemistry compared to two popular endotoxin-free kits from Supplier Q and Supplier MN. HeLa cells seeded in a 96-well plate were transfected with 0.2 μg of pGL3® plasmid isolated from an overnight *E. coli* culture. Luciferase activity was measured after 48 hours.

Product	Cat. No.	Size	Processing Time	Culture Volume	Minimum Elution Volume	Minimum Plasmid Yield	Endotoxins
ZymoPURE™ Plasmid Miniprep Kit	D4208T	10 preps	≤ 15 min	5 ml	≥ 25 μl	100 μg	≤ 1.0 EU/μg
	D4209	50 preps					
	D4210	100 preps					
	D4211	400 preps					
	D4212	800 preps					
ZymoPURE™ 96 Plasmid Miniprep Kit	D4214	2 x 96 preps	≤ 60 min	5 ml	≥ 125 μl	100 μg	≤ 1.0 EU/μg
	D4215	4 x 96 preps					