

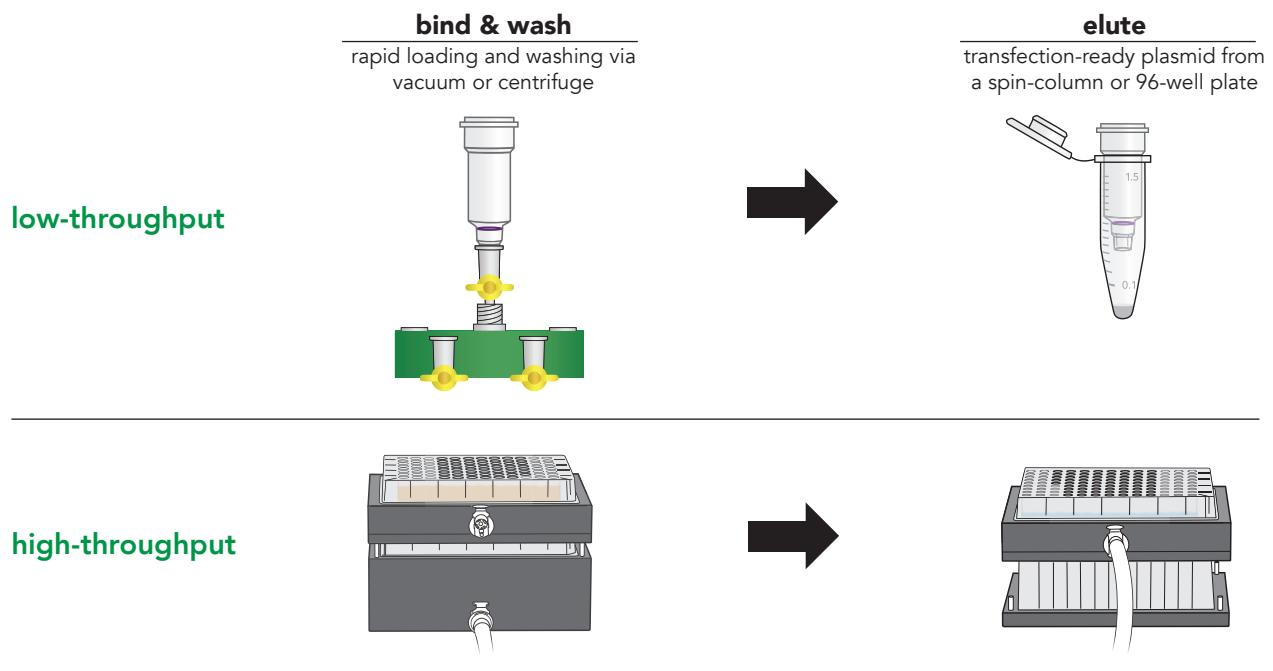


## Get Your Transfection-Grade Plasmid from a Miniprep!

### ZymoPURE™ Plasmid Miniprep Kits

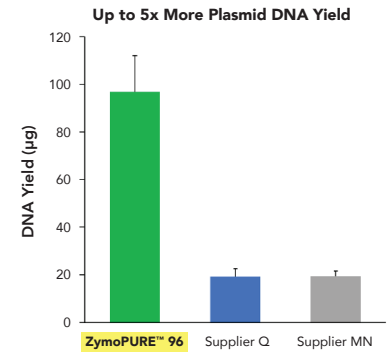
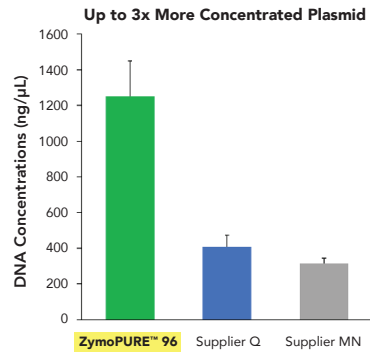
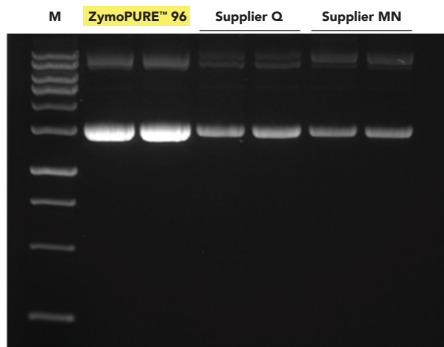
- **Convenient Formats:** Available in Spin-Column or 96-Well Plate
- **Highest Yield:** Up to 100 µg of Highly Concentrated Plasmid DNA
- **Transfection-Ready:** Low Endotoxins and Ultra-Pure

### 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.

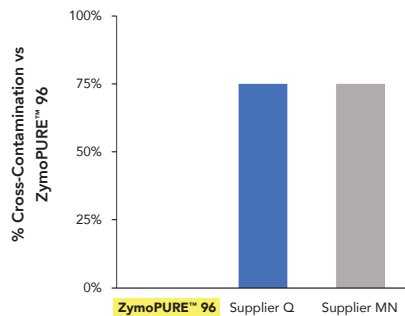
## Achieve the Highest Yield of Plasmid DNA from a Miniprep



**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).

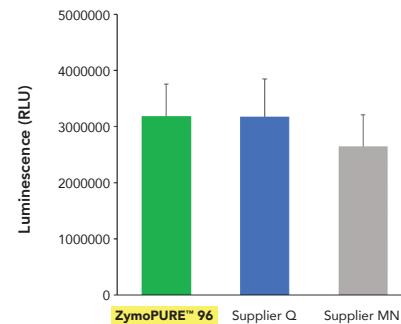
## Robust Purification of High-Quality Plasmid DNA

**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 Time | 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    | ≤ 60 min        | 5 ml         | ≥ 125 μl               | 100 μg                | ≤ 1.0 EU/μg |
|                                   | D4215    | 4 x 96    |                 |              |                        |                       |             |