











# Plasmid DNA Purification

## Purify with Sigma®

GenElute™ plasmid kits provide reliable isolation of high quality plasmid DNA. These kits are:

- Designed with advanced silica bind and elute technology
- Compatible with both vacuum or spin format
- Formulated without phenol/chloroform 

These products allow researchers to maximize the reproducibility of their workflow and minimize time spent on obtaining plasmid DNA for transfection, sequencing, PCR and other downstream applications.

| Cat. No.                                | Product Description  | Starting Amount | Time Required | Elution Volume | Expected Yield       |
|---|--|-----------------|---------------|----------------|----------------------|
| <b>Miniprep*</b>                        |  |                 |               |                |                      |
| PFM50 (50 preps)<br>PFM250 (250 preps)  | GenElute™ Five-Minute Plasmid Miniprep Kit   | 400 µL          | 5 min         | 40 µL          | Up to 5 µg           |
| PLN70 (70 preps)<br>PLN350 (350 preps)  | GenElute™ Plasmid Miniprep Kit                    | 1.5 mL          | <30 min       | 100 µL         | Up to 20 µg          |
| NA0150 (70 preps)<br>NA0160 (350 preps) | GenElute™ HP Plasmid Miniprep Kit                 | 1–5 mL          | <30 min       | 100 µL         | Up to 25 µg          |
| NA9604<br>(4 × 96 wells)                | GenElute™ HP 96 Well Plasmid Miniprep Kit         | 1.3 mL/well     | 45 min        | 100 µL         | Up to 10 µg/<br>well |
| <b>Midiprep*</b>                        |  |                 |               |                |                      |
| NA0200 (25 preps)                       | GenElute™ HP Plasmid Midiprep Kit                 | 50 mL           | 30 min        | 1 mL           | Up to 350 µg         |
| PLED35                                  | GenElute™ Endotoxin-Free Plasmid Midiprep Kit     | 5–40 mL         | <95 min       | 1 mL           | Up to 250 µg         |
| <b>Maxiprep*</b>                        |  |                 |               |                |                      |
| NA0300 (10 preps)<br>NA0310 (25 preps)  | GenElute™ HP Plasmid Maxiprep Kit                 | 150 mL          | 30 min        | 3–5 mL         | Up to 1.2 mg         |
| NA0400 (10 preps)<br>NA0410 (25 preps)  | GenElute™ HP Endotoxin-Free Plasmid Maxiprep Kit  | 150 mL          | 40 min        | 3–5 mL         | Up to 1.2 mg         |
| <b>Megaprep</b>                         |  |                 |               |                |                      |
| NA0600 (5 preps)                        | GenElute™ HP Endotoxin-Free Plasmid Megaprep Kit  | 200 mL – 1 L    | 90 min        | 20 mL          | Up to 5 mg           |
| <b>Gigaprep</b>                         |  |                 |               |                |                      |
| NA0800 (5 preps)                        | GenElute™ HP Endotoxin-Free Plasmid Gigaprep Kit  | Up to 2.5 L     | 2 hrs         | 50 mL          | Up to 15 mg          |

\*Samples available upon request.

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