

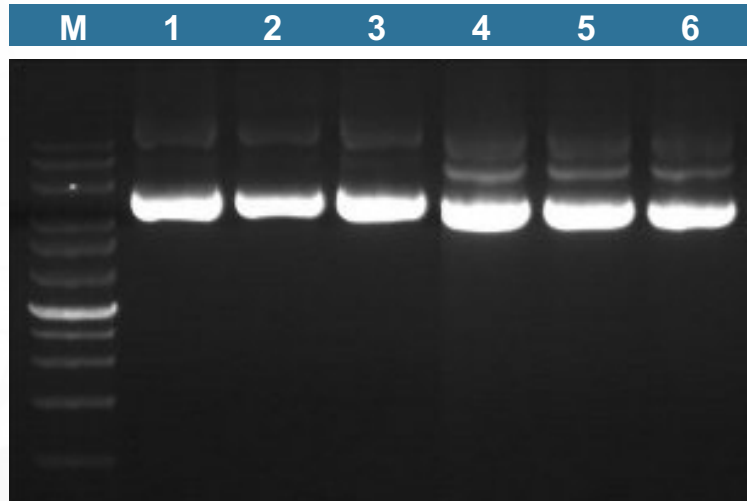
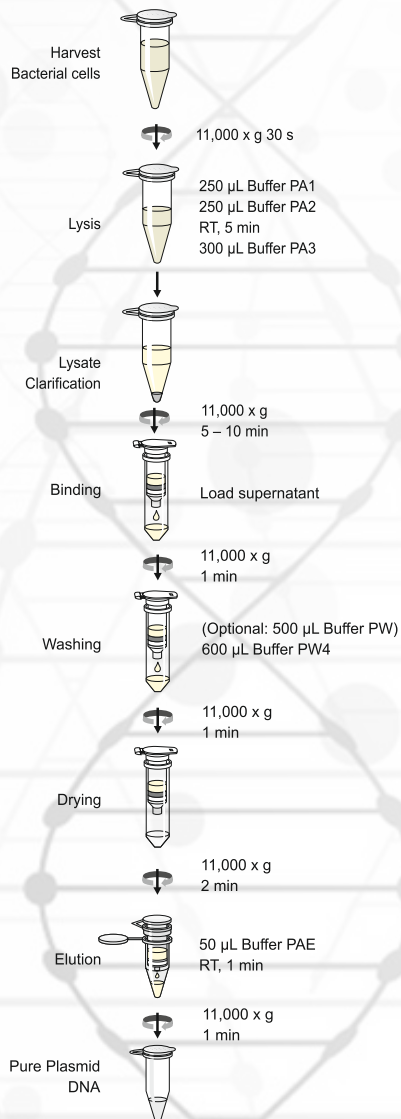
SureSpin® Plasmid Mini Kit

NP-37105
NP-37107

- Large Plasmid DNA (<25 kbp)
- High/Low copy plasmid / P1 Construct/ Cosmid
- Gram +ve/Yeast/M13 DNA/*A. tumefaciens*

Cat. No.	NP-37105 / NP-37107
Selling unit	50 Prep(s), 250 Prep(s)
Application	High and low copy plasmid DNA purification
Target	Plasmid DNA
Technology	Silica membrane technology
Brand	NucleoPore
Format	Mini prep
Handling	Centrifugation, vacuum
Lysate clarification	Centrifugation
Automated use	No
Sample material	Bacteria, E. coli
Sample amount	1-5 mL (high copy), 6-10 mL (low copy)
Vector size	< 25 kbp
Typical yield	25-45 µg
Theoretical binding capacity	60 µg
Typical purity A260/A280	1.8-1.85
Endotoxin level	> 50 EU/µg DNA
Elution volume	50 µL
Preparation time	20 min/6 preps
Typical downstream application	Cloning, PCR, Restriction analysis, Sequencing, Transfection of cells
Storage temperature	15-25 °C
Shelf life (from production)	27 Month(s)
Hazardous material	Yes

SureSpin® Plasmid Mini Kit



Agarose gel electrophoresis of plasmid DNA extracted using SureSpin Plasmid Mini Kit. The isolated plasmid DNA were checked on 0.8% agarose gel.

Lane M: 1 Kb NEX-GEN DNA Ladder (PG-010-500DI-NV)

Lane 1-3: pUC 18

Lane 4-6: pUC 19

Competitive Advantage:

Specifications	SureSpin Plasmid Mini Kit NP-37105 / NP-37107	Other Kits
Sample Material	Bacteria, <i>E.coli</i>	Bacteria, <i>E.coli</i>
DNA binding capacity	60 μg	40 μ g
Culture volume	1–5 mL (high copy) 6–10 mL (low copy)	1–5 mL (high copy) 6–10 mL (low copy)
Format	Mini spin column	Mini spin column
Typical yield	<25 μg (1-5 mL culture) <45 μg (6-10 mL culture)	<20 μ g (1-5 mL culture) <30 μ g (6-10 mL culture)
Elution Volume	50 μ L	50 μ L
Vectors	<25 Kbp	<10 Kbp
Preparation time	20 min	<45 min