

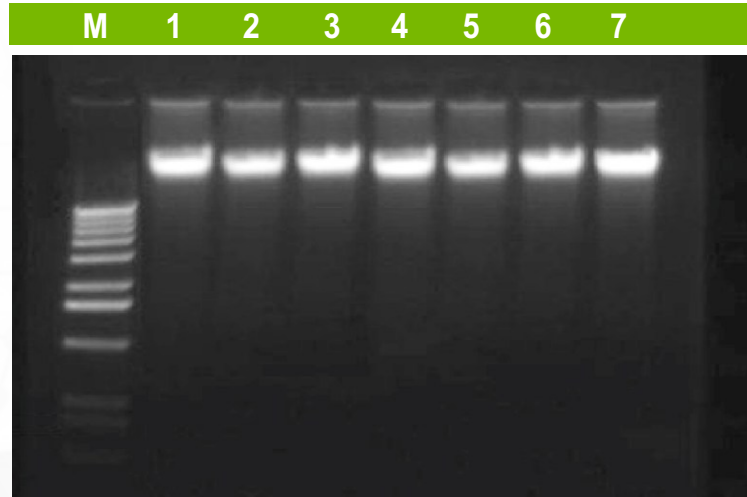
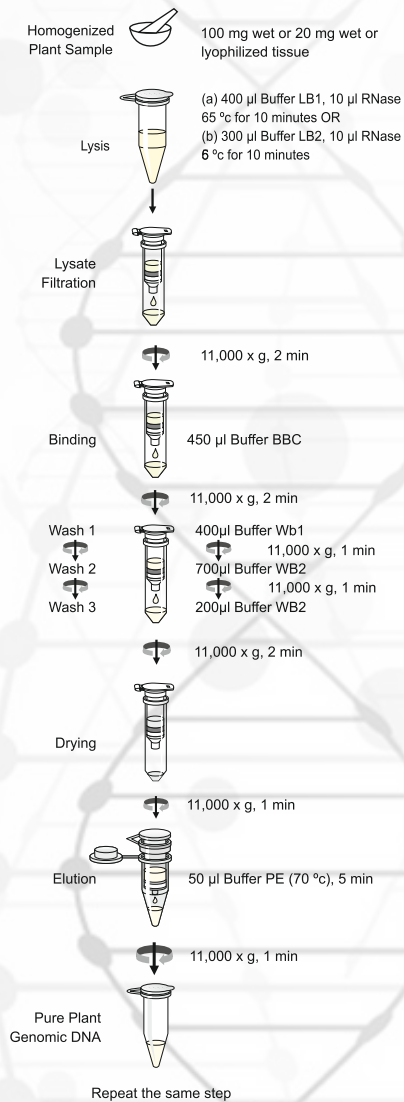
DNASure[®] Plant Mini Kit

NP-79105
NP-79107

- Leaf
- Needle
- Seed
- Bud
- Root
- Shoot

Cat. No.	NP-79105 / NP-79107
Selling Unit	50 Prep(s) / 250 Prep(s)
Application	Isolation of DNA
Target	DNA
Technology	Silica membrane technology
Brand	Nucleo-Pore
Format	Mini prep
Handling	Centrifugation
Lysate clarification	Centrifugation, SureSpin Filters
Automated use	No
Sample material	Plant
Sample amount	< 100 mg wet weight, < 20 mg dry weight
Fragment size	50 bp-approx. 60 kbp
Typical yield	1-40 µg (100 mg, wet weight)
Theoretical binding capacity	60 µg
Typical purity A260/A280	1.7-1.9
Elution volume	60-100 µL
Preparation time	30 min/prep
Typical downstream application	enzymatic reactions, PCR, Southern blotting
Storage temperature	15-25 °C
Shelf life (from production)	27 Month(s)
Hazardous material	Yes

Genomic DNA Purification from Plant



Agarose gel electrophoresis DNA obtained from different plants. Different plant samples were collected and genomic DNA extracted by the Nucleo-pore DNASure® plant Mini Kit. Isolated genomic DNA were checked on 0.8% agarose gel.

Lane M: 1 Kb NEX-GEN DNA Ladder (PG010-500DI-NV)

Lane 1 & 2: *Arabidopsis thaliana*

Lane 3 & 4: *Nicotiana tabacum*

Lane 5 & 6: *Triticum aestivum*

Lane 7: *Oryza sativa*

Competitive Advantage:

Specifications	DNASure® Plant Mini Kit NP-79105/79107	Other Kits
Sample material	Plant samples	Plant samples
Sample amount	< 100 mg wet weight, < 20 mg dry weight	< 100 mg wet weight, < 30 mg dry weight
Format	Mini spin column	Mini spin column
Fragment size	50 bp–approx. & 60 kbp	100 bp–approx. & 50 kbp
Typical yield	1–40 µg (100 mg, wet weight)	3–30 µg
Binding capacity	60 µg	40 µg
Typical purity A260/A280	1.7–1.9	1.7–1.9
Elution volume	60–100 µL	50–100 µl
Preparation time	30 min	<45 hour