

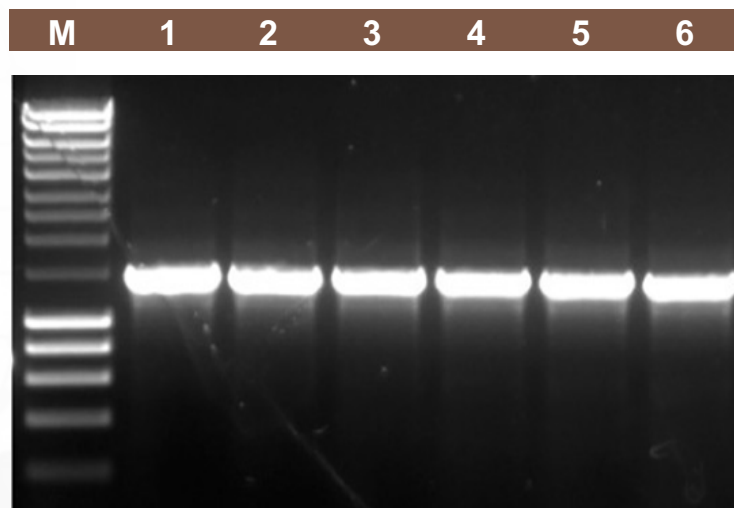
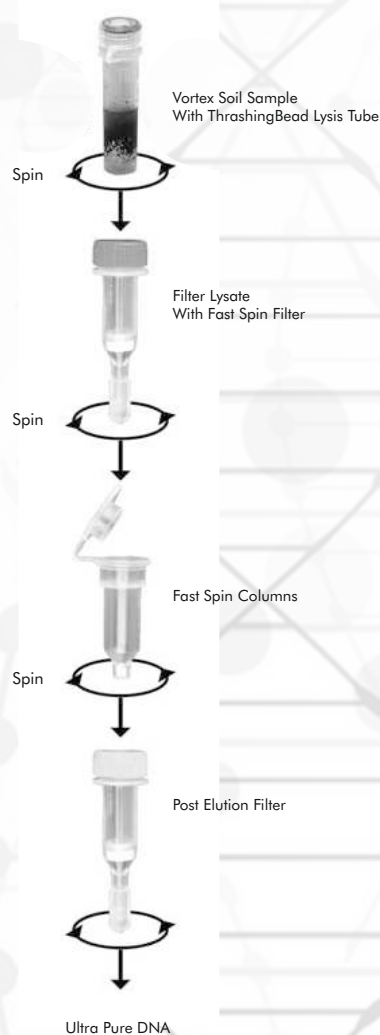
Nucleopore[®] gDNA Soil Kit

NP-1006D
NP-1007D

- Gram positive and Gram negative bacteria, archaea, fungi, and algae in soil, sludge, and sediment samples.
- Suitable for soils from forest, bog, farmland, grassland, etc.

Cat. No.	NP-1006D / NP-1007D
Selling unit	50 Prep(s), 250 Prep(s)
Application	Isolation of DNA
Target	DNA
CE certified	No, research use only
Technology	Silica membrane technology
Brand	Nucleo-Pore
Format	Mini prep
Handling	Centrifugation
Lysate clarification	Centrifugation, NucleoSpin Inhibitor Removal Column
Automated use	No
Sample material	Sediment, Sludge, Soil
Sample amount	< 500 mg
Fragment size	50 bp-approx. 60 kbp
Typical yield	5-15 µg (500 mg soil)
Theoretical binding capacity	60 µg
Elution volume	30-100 µL
Preparation time	90 min/10 preps
Typical downstream application	Microarrays, PCR, Real-time PCR, Southern blotting
Storage temperature	15-25 °C
Shelf life (from production)	27 Month(s)

Genomic DNA Purification from Soil



Genomic DNA purified from Sediment, Sludge and soil using the **Nucleopore® DNA Soil Kit**. Isolated genomic DNA was checked on agarose gel (0.8%) electrophoresis.

Lane M: Lambda DNA/HindIII Marker,
Lane 1-2: Sediment
Lane 3-4: Sludge
Lane 5-6: Soil

Competitive Advantage:

Specifications	Nucleopore® DNA Soil Kit (50) NP-1006D / NP-1007D	Other Kits
Sample material	Sediment, Sludge, Soil	Sediment, Sludge, Soil
Sample amount	200-500 mg	250-500 mg
Format	Mini spin column	Mini spin column
Fragment size	50 bp & 60 kbp approx	100 bp & 50 kbp approx
Typical yield	5-15 µg (500 mg sample)	2-10 µg (500 mg sample)
Binding capacity	60 µg	40 µg
Typical purity A260/A280	1.7-1.9	1.7-1.9
Elution volume	30-100 µl	20-100 µl
Preparation time	90 min	<120 min