

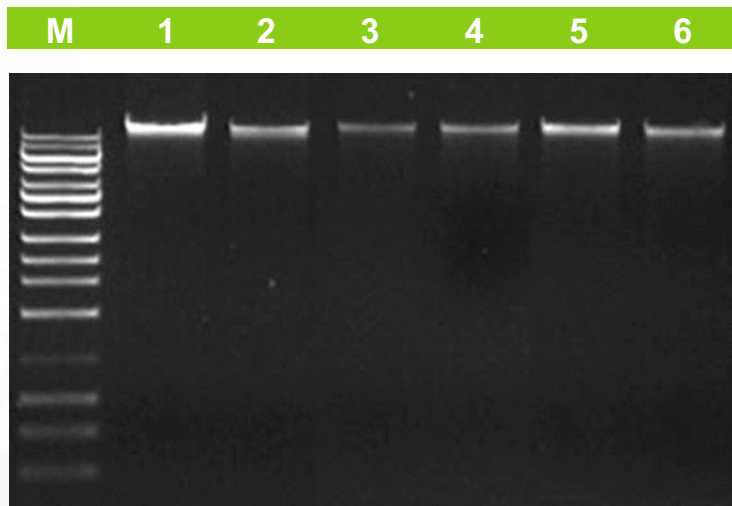
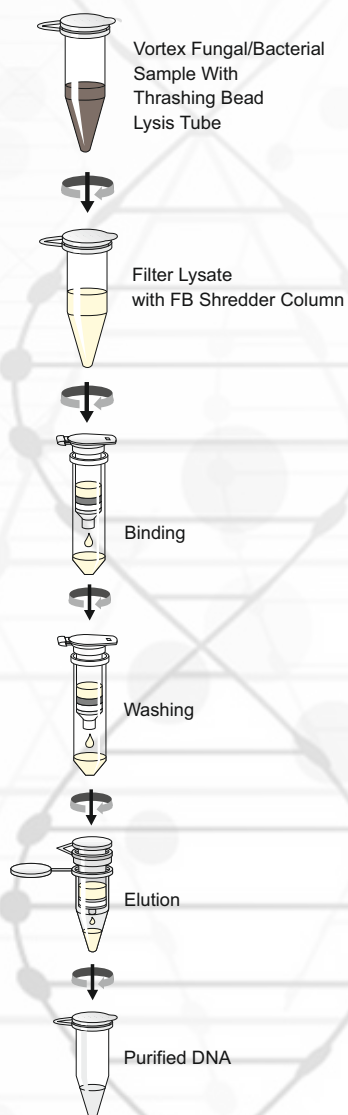
Nucleopore Fungal/Bacteria Kit

NP-7006D
NP-7007D

- Gram negative, and gram positive bacteria (Bead Tubes Type B)
- Yeast, fungal mycelia, from bacterial spore suspensions (Bead Tubes Type C)

Cat. No.	NP-7006D / NP-7007D
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
Automated use	No
Sample material	Bacteria, Fungi, Yeast
Sample amount	< 40 mg wet weight
Fragment size	100 bp-approx. 60 kbp
Typical yield	10-30 µg (30 mg wet weight)
Theoretical binding capacity	60 µg
Typical purity A260/A280	1.6-2.0
Elution volume	80-200 µL
Preparation time	35 min/prep
Typical downstream application	enzymatic reactions, PCR, Real-time PCR, Southern blotting
Storage temperature	15-25 °C
Shelf life (from production)	24 Month(s)

DNA Purification from Fungus/Bacteria



Genomic DNA purified from different microbes using Nucleopore Fungal/Bacteria Kit. Isolated genomic DNA from each micro-organism was checked on agarose gel (0.8%) electrophoresis.

Lane M: Lambda DNA/HindIII Marker,

Lane 1: Escherichia coli,

Lane 2: Vibrio fischeri,

Lane 3: Bacillus subtilis

Lane 4: Corynebacterium glutamicum

Lane 5: Saccharomyces cerevisiae

Lane 6: Aspergillus niger

Competitive Advantage:

Specifications	Nucleopore Fungus Bacteria Kit (50/250) NP-7006D / NP-7007D	Other Kits
Sample material	Bacteria, Fungi, Yeast	Bacteria, Fungi, Yeast
Sample amount	< 40 mg wet weight	< 50 mg wet weight
Format	Mini spin column	Mini spin column
Fragment size	100bp & 60 kbp approx	100bp & 50 kbp approx
Typical yield	10-30 µg (30 mg wet weight)	5-25 µg (30 mg wet weight)
Binding capacity	60 µg	40 µg
Typical purity A260/A280	1.7-1.9	1.7-1.9
Elution volume	80-200 µl	60-200 µl
Preparation time	35 min	<50 min