

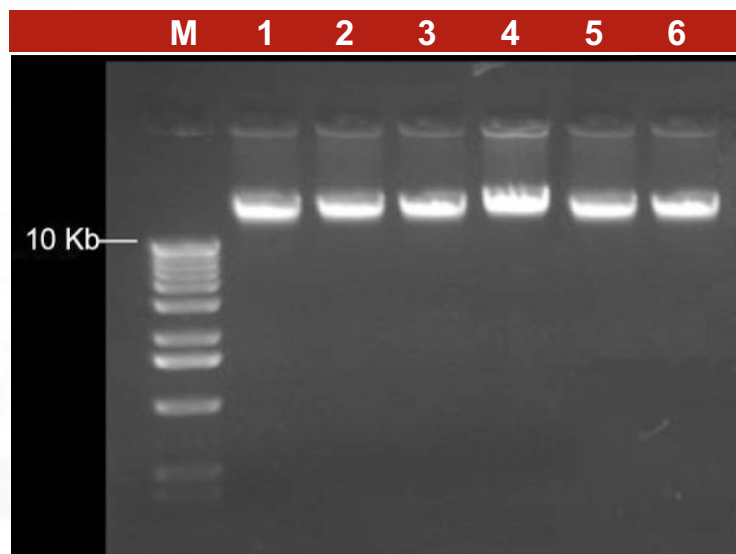
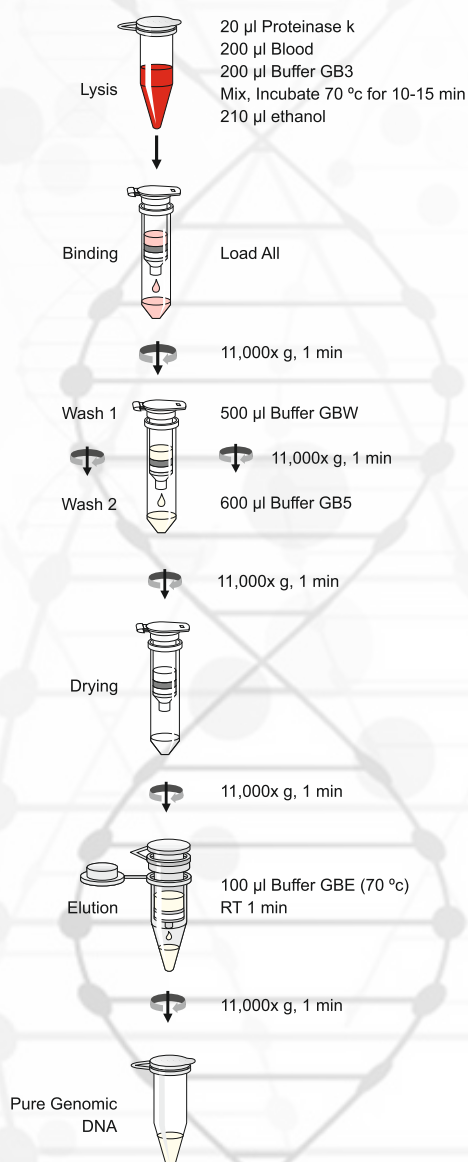
DNASure® Blood Mini Kit

NP-61105
NP-61107

- Blood
- Buffy Coat
- Cells
- Plasma
- Platelets
- Serum
- Body Fluid

Cat. No.	NP-61105 / NP-61107
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
Automated use	No
Sample material	Blood, Body fluids, Buffy coat, Cells, Plasma, Platelets, Serum
Sample amount	1-150 µL whole blood (Human or Animal, fresh or frozen, Treated with Citrate, EDTA, heparin, or CPDA), Buffy Coat, Platelets, Body Fluids, Serum, Plasma, < 5 x 10 ⁶ human/animal cells cultured cells
Fragment size	100 bp-approx. 60 kbp
Typical yield	4-15 µg
Typical concentration	40-100 ng/µL
Theoretical binding capacity	60 µg
Typical purity A260/A280	1.7 - 1.9
Elution volume	60-200 µL
Preparation time	30 min/prep
Typical downstream application	Enzymatic reactions, Next Generation Sequencing, PCR, Southern blotting
Storage temperature	15-25°C
Shelf life (from production)	27 Month(s)
Hazardous material	Yes

Genomic DNA Purification from Blood



Agarose gel electrophoresis of genomic DNA obtained from fresh blood. Various fresh blood samples were collected and genomic DNA extracted by the Nucleopore DNASure® Blood 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: Human whole blood Lane 2: Human Buffy Coat

Lane 3: Human Bone Marrow Lane 4: Avian whole blood

Lane 5: Rat whole blood

Lane 6: Rabbit whole blood

Competitive Advantage:

Specifications	DNASure® Blood Mini Kit NP-61105/61107	Other Kits
Sample material	Blood, Body fluids, Buffy coat, Cells, Plasma, Platelets, Serum	Whole blood, body fluids
Sample amount	1-150 µl	1-200 µl
Format	Mini spin column	Mini spin column
Fragment size	100 bp-approx. & 60 kbp	100 bp-approx. & 50 kbp
Typical yield	4-15 µg	4-12 µg
Binding capacity	60 µg	40 µg
Typical purity A260/A280	1.7-1.9	1.7-1.9
Elution volume	60-200 µL	50-200 µL
Preparation time	30 min	<45 min



GENETIX BIOTECH ASIA PVT. LTD.

71/1, 1st floor, Shivaji Marg, Najafgarh Road, New Delhi - 110 015

Ph: 011-45027000 Email: info@genetixbiotech.com Web: www.genetixbiotech.com