

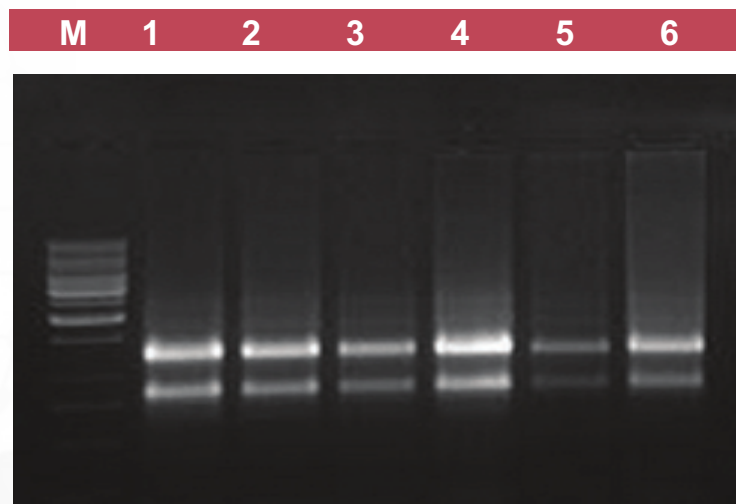
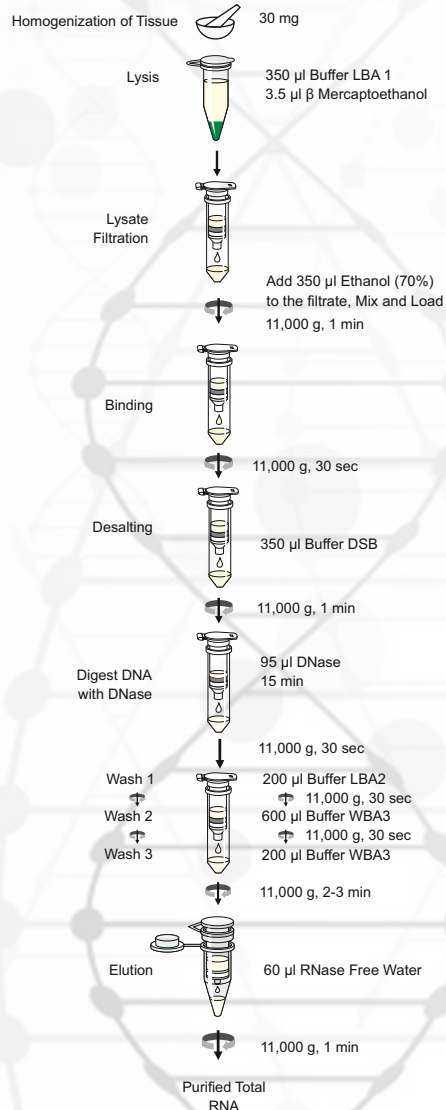
RNASure[®] Mini Kit

NP-84105
NP-84107

- Animal Tissue
- Bacteria
- Cells
- Human Tissue
- Yeast

Cat. No.	NP-84105 / NP-84107
Selling unit	50 Prep(s), 250 Prep(s)
Application	Isolation of RNA
Target	RNA
Technology	Silica membrane technology
Brand	Nucleo-Pore
Format	Mini prep
Handling	Centrifugation, vacuum
Lysate clarification	Centrifugation, SureSpin Filter
Automated use	No
Sample material	Animal tissue, Bacteria, Cells, Human tissue, Yeast
Sample amount	< 5 x 10 ⁶ cultured cells, < 30 mg human / animal tissue, < 10 ⁹ bacterial cells, < 10 ⁷ yeast cells
Fragment size	> 200 nt
Typical yield	14 µg (10 ⁶ HeLa cells), 70 µg (10 ⁹ bacterial cells)
Theoretical binding capacity	200 µg
Typical purity A260/A280	1.9-2.1
Typical RIN	> 9
Elution volume	30-120 µL
Preparation time	30 min/6 preps
Typical downstream application	RNA-Seq, RT-PCR
Storage temperature	15-25 °C
Shelf life (from production)	24 Month(s)
Hazardous material	Yes

RNA Purification



Agarose gel electrophoresis of RNA extracted from different sources using RNASure® Mini kit. Isolated RNA were checked on 1.0% agarose gel.

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

Lane 1-3: Human blood

Lane 4-6: Human lung tissue

Competitive Advantage:

Specifications	RNASure® Mini Kit; NP-84105/NP-84107	Other Kits
Sample material	Animal tissue, Bacteria, Cells, Human tissue, Yeast	Animal tissue, Bacteria, Cells, Human tissue, Yeast
Sample amount	< 5 x 10 ⁶ cultured cells < 30 mg human / animal tissue < 10 ⁷ yeast cells	< 10 x 10 ⁷ cultured cells < 20 mg human / animal tissue < 10 ⁸ yeast cells
Format	Mini spin column	Mini spin column
Fragment size	> 200 nt	> 150 nt
Typical yield	14 µg (10 ⁶ HeLa cells), 70 µg (10 ⁹ bacterial cells)	12 µg (10 ⁵ HeLa cells), 50 µg (10 ⁸ bacterial cells)
Binding capacity	200 µg	150 µg
Typical purity A260/A280	1.9–2.1	1.9–2.1
Elution volume	30–120 µl	30–100 µl
Preparation time	30 min	30–40 min