



NucleoSpin® RNA Clean-up

Features

Simple, fast, and convenient clean-up of RNA

- Complete removal of RT-PCR inhibitors
- Time-saving procedure based on NucleoSpin® RNA II, without DNase digestion and homogenization steps
- RNA clean-up from pre-purified RNA (phenol/chloroform), enzymatic reactions (e.g., amplification reactions, labeling reactions)



Product at a glance

Technology	Silica-membrane technology
Format	Mini spin columns
Sample material	≤200 µL phenol/chloroform extract or reaction mixture
Fragment size	>200 b
Typical recovery	85 – 95 %
A ₂₆₀ /A ₂₈₀	1.9 – 2.1
Typical RIN (RNA integrity number)	Depending on sample quality (no significant loss of RIN detected)
Elution volume	40 – 120 µL
Preparation time	20 min / 6 preps
Binding capacity	200 µg
Procedure chart	see page 57

Applications*

RNA clean-up of:

- Pre-purified RNA (e.g., TRIzol®)
- Reaction mixtures
- Amino-allyl-mRNA
- Biotinylated RNA
- RNA isolation from up to 10⁵ cultured cells (whenever co-purification of some genomic DNA is acceptable, kit does not contain rDNase)
- Typical downstream applications: enzymatic labeling reactions, RT-PCR, DNA/RNA-based chip hybridizations

* Kits to be used for research purposes only (see page 160)

For detailed product information and application data see www.mn-net.com/RNA

Ordering information

Product	Preps	Specification	REF
NucleoSpin® RNA Clean-up	10	NucleoSpin® RNA II Columns with Collection Tubes, Collection Tubes (2 mL), Collection Tubes (1.5 mL), buffers	740948.10
	50	as above	740948.50
	250	as above	740948.250

For separate kit components see “Accessories” page 137



NucleoSpin® RNA Clean-up XS

Up to 55 x concentrated RNA

Features

Highly efficient clean-up and concentration of RNA samples

- Complete removal of RT-PCR inhibitors
- Very high RNA recovery and concentration
- RNA clean-up from pre-purified RNA (phenol / chloroform), enzymatic reactions (e.g., amplification reactions, labeling reactions, DNase digestions)
- Time-saving procedure based on NucleoSpin® RNA XS technology
- Input volume up to 300 µL
- Elution in as little as 5 µL possible



Product at a glance

Technology	Silica-membrane technology
Format	Mini spin columns – XS design
Sample material	≤300 µL RNA solution containing ≤90 µg RNA
Fragment size	>200 b
Typical recovery	85 – 95 %
A ₂₆₀ /A ₂₈₀	1.9 – 2.1
Typical RIN (RNA integrity number)	Depending on sample quality (no significant loss of RIN detected)
Elution volume	5 – 30 µL
Preparation time	20 min / 6 preps
Binding capacity	110 µg
Procedure chart see page 57	

Applications*

RNA clean-up of

- Pre-purified RNA (e.g., with TRIzol®)
- DNase digestions (e.g., with MACHEREY-NAGEL rDNase Set, page 143)
- Reaction mixtures
- Up to 55-fold increase in concentration
- Typical downstream applications: enzymatic labeling reactions, RT-PCR, DNA/RNA-based chip hybridizations

* Kits to be used for research purposes only (see page 160)

① For detailed product information and application data see www.mn-net.com/RNA

Ordering information

Product	Preps	Specification	REF
NucleoSpin® RNA Clean-up XS	10	NucleoSpin® RNA XS Columns with Collection Tubes, Collection Tubes (2 mL), Collection Tubes (1.5 mL), buffers	740903.10
	50	as above	740903.50
	250	as above	740903.250

For separate kit components see “Accessories” page 137