PuroSPIN™ Total RNA Blood Purification Kit

PuroSPIN™ Total RNA Blood Kit is designed to purify RNA from fresh whole blood samples. It greatly simplifies the extraction process by incorporating a convenient easy-to-use extraction technology based on nucleic acid binding silica spin-columns. The nucleic acid is first released form the blood by the treatment with the Lysis Buffer LB-B. RNA is then loaded onto silica-based spin columns and washed to remove protein, salt, and other contaminants. An on-column DNase I digestion in-between wash steps ensures the removal of any contaminating DNA. Finally, purified RNA is eluted from the column into a clean microcentrifuge tube in nuclease-free water.

Features	Specifications
Starting material	Whole blood, serum, plasma
Starting amount	Up to 200 µL
Binding capacity	Up to 100 µg
Elution volume	≥ 30 µL
DNA binding technology	Mini silica spin columns
Time per prep	< 45 min
Processing	Manual (centrifugation)
Downstream applications	cDNA library construction, microarray analyses, Northern blotting, qPCR, reverse transcription qPCR, etc.

Features:

- Extract total RNA from whole blood, serum and plasma samples
- Simple silica-spin columns extraction process with no need for phenol or chloroform
- Includes on-column DNase I digestion step to remove contaminating DNA
- High quality extracted RNA can be used for a range of downstream applications such as cDNA library construction, microarray analyses, Northern blotting, qPCR, and RT-qPCR

Product Description	Preps	Catalog No.
PuroSPIN™ Total RNA Blood Kit	5	NK052-5
	50	NK052-50
	250	NK052-250

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