

MagaBio plus Whole Blood Total RNA Purification Kit II

■ | Product Introduction

This RNA Extraction Kit is designed for rapid and efficient purification of high-quality RNA from 400 μ L of whole blood in 45 min. The workflow is streamlined—after gentle mixing, whole blood samples can be directly loaded into the pre-filled reagent plates and processed on compatible automated instruments. The kit features a DNase treatment step to eliminate genomic DNA contamination, ensuring RNA purity and high yield. With excellent stability, simple operation, and high sensitivity, the purified RNA is completely compatible with downstream applications including real-time PCR, next-generation sequencing (NGS), and microarray analysis.

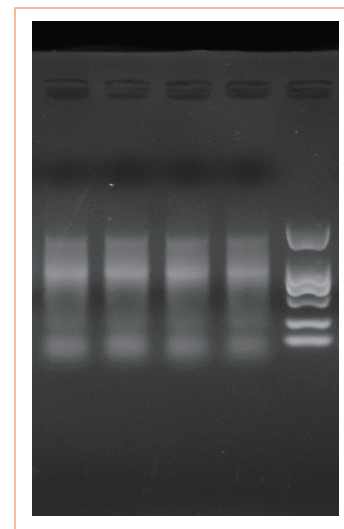
■ | Product Features

- **Fast & Simple:** Easy-to-follow protocol; complete multi-sample purification in just 45 minutes.
- **Automated & High Throughput:** Enables 1 to 96 samples to be processed simultaneously with automated extraction instruments—simply load and start.
- **DNA-Free:** Integrated DNase digestion step ensures removal of residual DNA.
- **Safe & Eco-Friendly:** No use of toxic organic solvents.
- **Instrument Compatibility:** Fully compatible with Bioer GenePure Series Automatic Nucleic Acid Purification Instruments, NPAm-9600, and the FQD-A1600 Fully Automated Nucleic Acid Purification and Real-Time PCR Analysis System.

Application Cases

Case 1: RNA Yield and Purity from Whole Blood Samples

No.	Nucleic Acid (ng/uL)	A260/A280	A260/A230
1	165.88	1.96	2.00
2	176.55	1.97	1.96
3	158.47	1.95	1.90
4	142.75	1.97	1.82



Electrophoresis Results

Case Study 2: RNA Extraction from Whole Blood of Leukemia Patients

Whole blood samples from leukemia patients were processed using this kit. RNA yield and purity were assessed with a NanoDrop spectrophotometer. The extracted RNA met the quality and concentration requirements for the customer's downstream molecular assays.

Sample ID	RNA Concentration (ng/μL)	260/280	260/230
1	91.70	2.04	1.94
2	52.40	2.03	1.80
3	74.10	2.03	1.76
4	80.40	1.99	1.76
5	85.80	2.01	1.86
6	188.10	2.03	1.89
7	34.40	2.07	1.96
8	118.30	1.99	1.76
9	194.30	2.03	1.81
10	52.80	2.10	1.98

Ordering Information

Product Name	Cat. No.	Note
MagaBio plus Whole Blood Total RNA Purification Kit II	BSC133S1B	50T
	BSC133M1B	100T
	BSC133S1P-A	2T ×16, Compatible with FQD-A1600
	BSC133N1E	24T, Compatible with FQD-A9600
	BSC133S1S	1T×32, Compatible with GenePure Pro 32
	BSC133T1E	8T×2, Compatible with GenePure Pro 32
	BSC133S1E	16T×2, Compatible with GenePure Pro 32
	BSC133M1S	6T×8, Compatible with GenePure 96
	BSC133M1E	48T, Compatible with GenePure 96
	BSC133L1E	96T, Compatible with GenePure 96



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