

TANBead® Nucleic Acid Extraction Kit

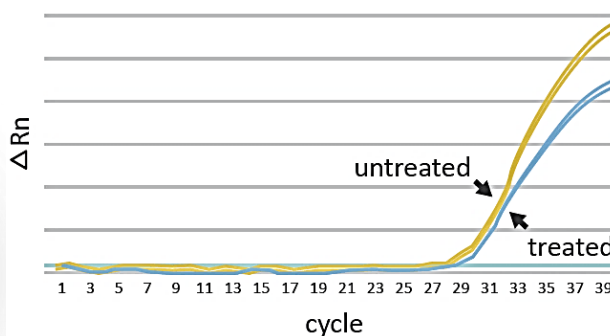
Blood RNA Extraction (621)

TANBead® Blood RNA Kit is a nucleic acid purification kit based on magnetic bead technology by using with corresponding TANBead® Nucleic Acid Extractor, which can automatically isolate and purify human RNA from 50 up to 200 μ L fresh whole blood, which 100 μ L blood yields 50~300 ng RNA in average. Compared with other commercial kits, samples used in TANBead® Blood RNA extraction kit are less, while the yield of high quantity and quality RNA will be suitable for downstream applications like qPCR, PCR, next generation sequencing (NGS). The kit is intended for use by technicians, physicians, and biologists with well-trained in molecular biological techniques, the techniques of magnetic bead purification and *in vitro* diagnostic procedures.

Feature	Specification
Application	RT-qPCR, RT-PCR, next generation sequencing (NGS)
Sample	50~200 μ L fresh whole blood are recommended for each test
Purification technology	Automation Magnetic beads
Typical yield	50~300 ng per 100 μ L Blood
Operation Time	45 - 55 min

RNA in the extracted nucleic acid, observed by examining the GAPDH expression levels in the presence or absence of DNase I treatment. The mean Cq value of untreated group is 28.83 ± 0.67 , and that of treated group is 29.08 ± 0.45 .

Quantification Amplification Plot



Yield and quality of extracted RNA from 100 μ L whole blood samples using 621 kit.

	Mean	SD
Yield (ng)	8.66	0.16
Quality A260/A280	2.00	0.10

Sample Description	Test	Instrument	Reference No.	Ordering No. (IVD)
Blood RNA Auto Plate	96	M8/ M4800 series	M621A46	301400
Blood RNA Auto Tube	96	M8/ M4800 series	M621S46	301401
Blood RNA Auto Plate	96	M9600 series	W621A46	301402
Blood RNA Auto Tube	72	M9600 series	W621S66	301403



Rapid

Highly efficient, convenient and time-saving



Efficacy

Provide choices for different sample inputs, such as 8, 48, 96 tests per run



Quality

High-quality RNA suitable for RT-PCR, RT-qPCR, NGS



Comprehensive

Not limited to any specific disorder, condition



TANBead



Linkedin

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