

Mag-Bind® PX Blood RNA 96 Kit

Fast & reliable RNA extraction from blood samples stabilized in PAXgene™ or Tempus™ tubes

CAT NO: M7763



96 samples

96 samples in 1 hour after initial spin



Quality

High quality RNA with minimal gDNA contamination



Bead-Based

Manual or automated processing



Automatable

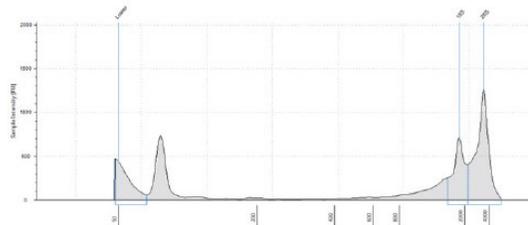
Adaptable on most open-ended liquid handlers

Cost-Effective

30% less than the competition on average

Mag-Bind® PX Blood RNA 96 Kit provides a convenient and fast RNA extraction solution for samples stabilized in PAXgene™ blood RNA tubes or Applied Biosystems' Tempus™ blood RNA tubes. This system combines Mag-Bind® particles and HiBind® silica technologies for purification of total RNA from up to 2.5 mL preserved blood samples.

The blood sample is spun down and the crude RNA/DNA pellet is collected and washed. The pellet is then resuspended and digested with Proteinase K. The lysate is applied to a filter plate to remove genomic DNA. This procedure completely removes inhibitors and sample stabilization reagents to allow for reliable downstream analysis. High quality purified RNA can be used for downstream applications such as qRT-PCR, RT-PCR, and microarray analysis.



Electropherogram Representing Purified RNA

Figure 1. 2.5 mL whole blood was drawn to PAXgene™ blood RNA tubes and stored at room temperature for 24 hours. RNA was purified following manufacturer's recommended protocols. RNA was analyzed on Agilent's TapeStation® 2200.

RNA Integrity Assessment

Table 1. The quality of the RNA purified was assessed by the RNA integrity score (RIN^e) determined from the electrophoretic trace and Agilent's TapeStation® 2200 system.

Manufacturer	RIN ^e	28S/18S Ratio	Conc. (ng/μL)
Omega Bio-tek	7.5	2.1	65.3
Omega Bio-tek	7.6	2.2	29.5
Company Q	7.2	2.2	33.3
Company Q	7.1	2.2	34.7

Product Description	Preps	Cat No.
Mag-Bind® PX Blood RNA 96 Kit	1 x 96	M7763-00
	4 x 96	M7763-01

For free samples of any of our kits, visit www.omegabiotek.com



innovations in nucleic acid isolation

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