

Air Dryable™ Direct RNA/DNA qPCR Blood, 4x

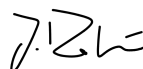
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Catalog No:	MDX121
Lot No:	B124570
Storage Conditions:	-20°C
Component Lot No:	224201A
Expiry date:	February 2026

Quality Control Parameters

Analysis	Specification	Result
Functional	<p>Quantitative RT-PCR analysis amplifying a gene from dilutions of mouse RNA under standard conditions.</p> <p><u>Pass Criteria:</u></p> <p>Ct profiles must be consistent between test and reference samples with a ± 0.5 Ct variance.</p>	Passed
DNA contamination	<p>Quantitative PCR analysis with no template. Presence of <i>E. coli</i> and mouse genomic DNA checked. Test sample must amplify in concordance with control sample.</p> <p><u>Pass Criteria:</u></p> <p>Amplification traces must overlay with the negative control.</p>	Passed
DNase contamination	<p>DNase contamination is measured as DNA substrate degradation against a DNase I dilution series by agarose gel electrophoresis.</p> <p>Limit of detection: 6.25×10^{-4} KU DNase I.</p> <p><u>Pass Criteria:</u></p> <p>No detectable degradation.</p>	Passed
RNase contamination	<p>Quantitative PCR analysis with high and low RNase standards.</p> <p>Limit of detection: 9.7×10^{-3} ng/μL RNase</p> <p><u>Pass Criteria:</u></p> <p>Test sample must show less RNase activity than the limit of detection.</p>	Passed

QA / QC Representative:



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 Date: 26th January 2024

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