

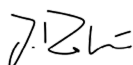
	Certificate of Analysis	COA No: CA_BSM-0107
		Version: 02

Air Dryable™ Direct RNA/DNA qPCR Blood, 4x For research or further manufacturing use only	Catalog No:	MDX121
	Lot No:	B348520
	Storage Conditions:	-20°C
	Component Lot No:	425208A
	Expiry date:	September 2027

Quality Control Parameters

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

QA / QC Representative:



J. Rahnenführer

Date: 11th August 2025

United Kingdom

Tel: +44 (0)20 8830 5300
Fax: +44 (0)20 8452 2822

USA

Tel: +1 901.382.8716
Fax: +1 901.382.0027

Germany

Tel: +49 (0)3371 60222 00
Fax: +49 (0)3371 60222 01