

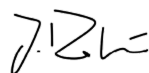
	Certificate of Analysis	COA No: CA_BSM-0100
		Version: 03

Air-Dryable™ qPCR Mix, 4x For research or further manufacturing use only	Catalog No:	MDX082
	Lot No:	B341240
	Storage Conditions:	-20°C
	Component Lot No:	425106A
	Expiry date:	July 2027

Quality Control Parameters

Analysis	Specification	Result
Functional	Amplification of a target from a manufactured DNA template using a SYBR Green based qPCR assay under standard cycling conditions. <u>Pass Criteria:</u> Amplification profiles must be consistent for the test and reference sample within ± 0.5 Cq difference.	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

QA / QC Representative:



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Date: 11th June 2025

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