

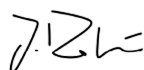
	Certificate of Analysis	COA No: CA_SUP-0016 (CA_BSM-0105-2)
		Version: 01

Air-Dryable™ DNA LAMP Mix, 4x For research or further manufacturing use only	Catalog No:	MDX119
	Lot No:	B331920
	Storage Conditions:	-20°C
	Component Lot No:	425103A
	Expiry date:	April 2027

Quality Control Parameters

Analysis	Specification	Result
Functional	TTR (time-to-result) values obtained by Loop mediated amplification reaction of Test Sample vs Reference sample must be within 1.5 minutes	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.	Passed
DNase contamination	Incubation of a 1 Kb double stranded DNA fragment. Incubation for 4 hours at 37° C with dilution series of DNase I. Analysed by agarose gel electrophoresis. Test sample must exhibit less degradation than the limit of detection 2.5×10^{-3} U DNase.	Passed
RNase contamination	Quantitative PCR analysis with high and low RNase standards. Test sample must show less RNase activity than the limit of detection 9.7×10^{-3} ng/μL RNase.	Passed

QA / QC Representative:



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Date: 13th March 2025

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