
	Certificate of Analysis	COA No: CA_SUP-0017 (CA_BSM-0118-2)
		Version: 01

Lyo-Ready Direct RNA/DNA LAMP Saliva Suitable for Research and further Manufacturing Use	Catalog No:	MDX135
	Lot No:	B348820
	Storage Conditions:	-20°C
	Component Lot No:	525108A
	Expiry date:	September 2027

Quality Control Parameters

Analysis	Specification	Result
Functional	Reverse transcription loop-mediated amplification (RT-LAMP) of RNA under standard conditions. <u>Pass Criteria:</u> TTR (time-to-result) values obtained by reverse transcription loop mediated amplification reaction of Test Sample vs Reference sample must be within 2.0 minutes.	Passed
DNA contamination	Quantitative PCR analysis with no template. Presence of <i>E. coli</i> and mouse genomic DNA checked. <u>Pass Criteria:</u> Amplification traces must overlay with the negative control.	Passed
DNase contamination	Incubation of a 1Kb double stranded DNA fragment. Incubation for 4 hours at 37°C with dilution series of DNase I. Analysed by agarose gel electrophoresis. <u>Pass Criteria:</u> No detectable degradation (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. <u>Pass Criteria:</u> Test samples must show less RNase activity than the limit of detection (9.7×10^{-3} ng/ μ L RNase).	Passed

QA / QC Representative:  J. Rahnenführer

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