meridian BIOSCIENCE™ LIFE DISCOVERED. LIFE DIAGNOSED.	**Certificate of Analysis**	**CA_BSM-0103-2**
		Version: 01

Air-Dryable™ Direct DNA qPCR Saliva, 4x

For research or further manufacturing use only

Catalog No:	MDX130
Lot No:	B098200
Storage Conditions:	-20°C
Component Lot No:	121207A
Expiry date:	August 2023

Quality Control Parameters

Analysis	Specification	Result
Functional	Quantitative real-time PCR analysis amplifying three target genes from a dilution series of mouse cDNA under standard cycling conditions. Pass Criteria: For amplification below Ct 30, Ct profiles must be consistent for test and reference samples with a ± 0.5 Ct variance. For amplification greater than Ct 30, Ct profiles must be consistent for test and reference samples with a ± 1 Ct variance.	Passed
DNA contamination	Quantitative PCR analysis with no template. Presence of *E. coli* and mouse genomic DNA checked. Pass Criteria: Test sample must amplify in concordance with control sample.	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. Pass Criteria: No detectable degradation.	Passed
RNase contamination	Quantitative PCR analysis with high and low RNase standards. Limit of detection: 9.7×10^{-3} ng/µL RNase Pass Criteria: Test sample must show less RNase activity than the limit of detection.	Passed

QA / QC Representative: Andrew Galeeba-M Date: 13th August 2021

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