

Air-Dryable™ Direct DNA qPCR Saliva, 4x

For research or further manufacturing use only

Catalog No:	MDX130
Lot No:	B108910
Storage Conditions:	-20°C
Component Lot No:	122306A
Expiry date:	July 2024

Quality Control Parameters

Analysis	Specification	Result
Functional	<p>Quantitative real-time PCR analysis amplifying three target genes from a dilution series of mouse cDNA under standard cycling conditions.</p> <p><u>Pass Criteria:</u> For amplification below Ct 30, Ct profiles must be consistent for test and reference samples with a ± 0.5 Ct variance.</p> <p>For amplification greater than Ct 30, Ct profiles must be consistent for test and reference samples with a ± 1 Ct variance.</p>	Passed
DNA contamination	<p>Quantitative PCR analysis with no template. Presence of <i>E. coli</i> and mouse genomic DNA checked.</p> <p><u>Pass Criteria:</u> Test sample must amplify in concordance with control sample.</p>	Passed
DNase contamination	<p>DNase contamination is measured as DNA substrate degradation against a DNase I dilution series by agarose gel electrophoresis.</p> <p>Limit of detection: 6.25×10^{-4} KU DNase I.</p> <p><u>Pass Criteria:</u> No detectable degradation.</p>	Passed
RNase contamination	<p>Quantitative PCR analysis with high and low RNase standards.</p> <p>Limit of detection: 9.7×10^{-3} ng/μL RNase</p> <p><u>Pass Criteria:</u> Test sample must show less RNase activity than the limit of detection.</p>	Passed

QA / QC Representative:



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 Date: 24th June 2022

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