

Air-Dryable™ qPCR Mix, 4x

For research or further manufacturing use only

Catalog No:	MDX082
Lot No:	B123440
Storage Conditions:	-20°C
Component Lot No:	123212A
Expiry date:	January 2026

Quality Control Parameters

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

QA / QC Representative:



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Date: 18th December 2023

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