

## Fast qPCR Mix, 5x

For research or further manufacturing use only

Catalog No:	MDX072
Lot No:	EM100-B121950
Storage Conditions:	-20°C
Component Lot No:	FQP-223110A
Expiry date:	November 2025

### Quality Control Parameters

Analysis	Specification	Result
Functional	<p>Amplification of a target gene from mouse cDNA using a probe-based triplex qPCR assay under standard cycling conditions.</p> <p><u>Pass Criteria:</u></p> <p>Amplification profiles must be consistent for the test and reference sample within a 1% 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></p> <p>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: <math>6.25 \times 10^{-4}</math> KU DNase I.</p> <p><u>Pass Criteria:</u></p> <p>No detectable degradation.</p>	Passed

QA / QC Representative:



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 Date: 27<sup>th</sup> October 2023

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