

Inhibitor Tolerant qPCR Mix, 5x

For research or further manufacturing use only

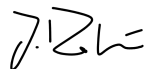
Catalog No:	MDX073
Lot No:	B124070
Storage Conditions:	-20°C
Component Lot No:	324301A
Expiry date:	February 2026

Quality Control Parameters

Hot-start qPCR mix developed for direct amplification from human and animal blood samples

Analysis	Specification	Result
Functional	<p>Quantitative real-time PCR analysis amplifying three different targets from a dilution series of mouse cDNA under standard conditions.</p> <p><u>Pass Criteria:</u></p> <p>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></p> <p>Test sample must amplify in concordance with control sample.</p>	Passed
DNase contamination	<p>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. Test sample must show less degradation than the limit of detection 2.5×10^{-3} U DNase.</p> <p><u>Pass Criteria:</u></p> <p>No detectable degradation.</p>	Passed

QA / QC Representative:



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 Date: 17th January 2024

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