

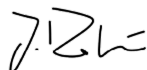
	Certificate of Analysis	COA No: CA_SUP-0014 (CA_BSM-0116-2)
		Version: 02

Lyo-Ready™ Inhibitor Tolerant qPCR Mix, 4x For research or further manufacturing use only	Catalog No:	MDX184
	Lot No:	B359270
	Storage Conditions:	-20°C
	Component Lot No:	525111A
	Expiry date:	December 2027

Quality Control Parameters

Analysis	Specification	Result
Functional	<p>Quantitative real-time PCR analysis amplifying a target gene from a dilution series of mouse cDNA under standard cycling conditions.</p> <p><u>Pass Criteria:</u></p> <p>Amplification profile of a 1:10 dilution must be consistent for the test and reference sample within ≤ 0.5 Cq difference.</p> <p>The end florescence of the 1:10 dilution must be consistent for the test and reference sample within ≤ 0.10 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>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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