

<h2>SensiMix™ SYBR® &amp; Fluorescein Kit</h2> <p>For research or further manufacturing use only</p>	Catalog No:	QT615-05
	Lot No:	SM608-B106120
	Storage Conditions:	-20°C
	Component Lot No:	SMPF-222103A
	Expiry date:	April 2024

**Quality Control Parameters**

Analysis	Specification	Result
Functional	Quantitative PCR analysis amplifying 6 genes from a dilution series of mouse cDNA under standard conditions. Cq and melting profiles must be consistent for the test and reference sample with ± 0.5 Cq variance.	Passed
DNA contamination	Quantitative PCR analysis with no template. Presence of <i>E. coli</i> and mouse genomic DNA checked. Test sample must amplify in line with control sample.	Passed
DNase contamination	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 x 10 <sup>-3</sup> U DNase I.	Passed

QA / QC Representative:



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Date: 14<sup>th</sup> March 2022

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