

**SensiMix™ SYBR® Low-ROX Kit**

For research or further manufacturing use only

Catalog No:	QT625-05
Lot No:	SM602-B111530
Storage Conditions:	-20°C
Component Lot No:	SMT-L-122110A
Expiry date:	November 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 $2.5 \times 10^{-3}$ U DNase I.	Passed

QA / QC Representative:



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Date: 19<sup>th</sup> October 2022

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