



Certificate of Analysis

COA No: CA_BSM-0004

Version: 04

SensiMix™ SYBR & Fluorescein Kit

For Research Use Only

Kit Lot No:	QT615-05_SM608-B068550
Storage Conditions:	-20°C
Component Lot No:	SMPF-819303A
Expiry date:	April 2021

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 2.5×10^{-3} U DNase I.	Passed

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