

	<b>Certificate of Analysis</b>	COA No: CA_BSM-0007
		Version: 04

<b>SensiFAST™ SYBR &amp; Fluorescein Kit</b>  For Research Use Only	Kit Lot No:	BIO-96005_SF584-BO64510
	Storage Conditions:	-20°C
	Component Lot No:	SFSF-718211A
	Expiry date:	December 2020

### 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 $\pm 0.5$ 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

Authorised by Christopher Weatherall



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