

	<b>Certificate of Analysis</b>	COA No: CA_BSM-0034
		Version: 08

<b>SensiFAST™ SYBR® No-ROX Kit</b>  For research or further manufacturing use only	Catalog No:	BIO-98050
	Lot No:	SF883-B116010
	Storage Conditions:	-20°C
	Component Lot No:	SFSN-223303A
	Expiry date:	April 2025

### 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

QC Representative:



Andrew Galeeba-M

Date: 27<sup>th</sup> March 2023

**United Kingdom**

Tel: +44 (0)20 8830 5300  
Fax: +44 (0)20 8452 2822

**USA**

Tel: +1 901.382.8716  
Fax: +1 901.382.0027

**Germany**

Tel: +49 (0)3371 60222 00  
Fax: +49 (0)3371 60222 01

**Australia**

Tel: +61 (0)2 9209 4180  
Fax: +61 (0)2 9209 4763

info@meridianlifescience.com; www.meridianlifescience.com