

**SensiFAST™ SYBR® Lo-ROX Kit**

For research or further manufacturing use only

Catalog No:	BIO-94005
Lot No:	SF578-B114150
Storage Conditions:	-20°C
Component Lot No:	SFSL-223101A
Expiry date:	February 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 ± 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:



Alberta Newton

Date: 20<sup>th</sup> January 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