



## Certificate of Analysis

COA No: CA\_BSM-0041

Version: 04

### SensiFAST™ Probe Lo-ROX Kit

Suitable for Research and further Manufacturing Use as an IVD component

Kit Lot No: BIO-84005\_SF590-B066620

Storage Conditions: -20°C

Component Lot No: SFPL-819201A

Expiry date: February 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 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
Exonuclease 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

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