



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-B065970

Storage Conditions: -20°C

Component Lot No: SFPL-819101A

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 ± 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 2.5×10^{-3} U DNase I. | Passed |

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