



## Certificate of Analysis

COA No: CA\_BSM-0042

Version: 04

### SensiFAST™ Probe Hi-ROX Kit

Suitable for Research and further Manufacturing Use as an IVD component

Kit Lot No: BIO-82005\_SF587-B070280

Storage Conditions: -20°C

Component Lot No: SFPH-819204A

Expiry date: May 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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