



Certificate of Analysis

COA No: CA_BSM-0046

Version: 05

SensiFast™ HRM Kit

For Research Use Only

Kit Lot No: BIO-32005_SF628-B067780

Storage Conditions: -20°C

Component Lot No: SFHM-819202A

Expiry date: March 2021

Quality Control Parameters

| Analysis | Specification | Result |
|--------------------------|---|--------|
| Functional Melt Analysis | HRM cycling with melt analysis $\pm 0.15^\circ\text{C}$. Genotypes called with $\geq 90\%$ confidence. | 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 2.5×10^{-3} U DNase I. | Passed |

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