



Certificate of Analysis

COA No: CA_BSM-0046

Version: 05

SensiFast™ HRM Kit

For Research Use Only

Kit Lot No: BIO-32005_SF628-B067530

Storage Conditions: -20°C

Component Lot No: SFHM-819102A

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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