

**SensiFast™ HRM Kit**

For Research Use Only

Catalog No:	BIO-32005
Lot No:	SF628-B082620
Shipping / Storage Conditions:	-20°C
Component Lot No:	SFHM-020205A
Expiry date:	June 2022

**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 $37^{\circ}\text{C}$ 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

Authorised by Christopher Weatherall