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| <h2>SensiMix™ SYBR® & Fluorescein Kit</h2> <p>For research or further manufacturing use only</p> | Catalog No: | QT615-05 |
| | Lot No: | SM608-B111780 |
| | Storage Conditions: | -20°C |
| | Component Lot No: | SMPF-222110A |
| | Expiry date: | November 2024 |

Quality Control Parameters

| Analysis | Specification | Result |
|---------------------|---|--------|
| Functional | Quantitative PCR analysis amplifying 6 genes from a dilution series of mouse cDNA under standard conditions. Cq and melting 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 |
| 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 x 10 ⁻³ U DNase I. | Passed |

QA / QC Representative:



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Date: 25th October 2022

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