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|  <small>A Medixel Life Sciences Company</small> | <h2>Certificate of Analysis</h2> | COA No: CA_BSM-0021 |
| | | Version: 02 |

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|---|---------------------|---------------|
| <h1>SensiFAST™ SYBR Lo-ROX Kit</h1> <p>For Research Use Only</p> | Storage Conditions: | -20°C |
| | Lot number: | SFSL-516101 |
| | Expiry date: | February 2018 |

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 2.5×10^{-3} U DNase I. | Passed |

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