



## Certificate of Analysis

COA No: CA BB-0054

Version: 02

### Solution A MyTaq™ Extract Kit

For Research Use Only

Storage Conditions: -20°C

Lot number: MXA-515109

Expiry date: October 2017

### Quality Control Parameters

| Analysis            | Specification   | Result |
|---------------------|---|--------|
| Functional          | Fragment of size 1Kb was amplified, with a dilution series of DNA extracted from mouse tails and mouse cells, using standard conditions and 35 cycles. Single distinct bands were observed with agarose gel electrophoresis (ethidium stained).             | 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 a reference 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 $2.5 \times 10^{-3}$ U DNase. | Passed |

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## Certificate of Analysis

COA No: CA BB-0055

Version: 02

### Solution B MyTaq™ Extract Kit

For Research Use Only

|                     |              |
|---------------------|--------------|
| Storage Conditions: | -20°C        |
| Lot number:         | MXB-515109   |
| Expiry date:        | October 2017 |

### Quality Control Parameters

| Analysis            | Specification   | Result |
|---------------------|---|--------|
| Functional          | Fragment of size 1Kb was amplified, with a dilution series of DNA extracted from mouse tails and mouse cells, using standard conditions and 35 cycles. Single distinct bands were observed with agarose gel electrophoresis (ethidium stained).             | 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 a reference 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 $2.5 \times 10^{-3}$ U DNase. | Passed |

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## Certificate of Analysis

COA No: CA BMM-0020

Version: 02

### MyTaq™ HS Red Mix

For Research Use Only

Storage Conditions: -20°C

Lot number: MTHRX-515109

Expiry date: October 2017

### Quality Control Parameters

| Analysis            | Specification   | Result |
|---------------------|---|--------|
| Functional          | Fragments of sizes 525bp, 750bp, 900bp and 1300bp are amplified with a dilution series of human genomic DNA, using standard conditions and 35 cycles. Single distinct bands were observed with agarose gel electrophoresis (ethidium stained).              | 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 a reference 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 $2.5 \times 10^{-3}$ U DNase. | Passed |

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