

MyTaq™ HS Red Mix

For Research Use Only

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|--------------------------------|---------------|
| Catalog No: | BIO-21127 |
| Lot No: | PM379-B072370 |
| Shipping / Storage Conditions: | -20°C |
| Component Lot No: | MTHRX-919207A |
| Expiry date: | August 2021 |

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 2.5×10^{-3} U DNase. | Passed |

Authorised by Christopher Weatherall

Solution A MyTaq™ Extract Kit

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|--------------------------------|---------------|
| Catalog No: | BIO-21127 |
| Lot No: | PM379-B072370 |
| Shipping / Storage Conditions: | -20°C |
| Component Lot No: | MXA-919107A |
| Expiry date: | August 2021 |

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 2.5×10^{-3} U DNase. | Passed |

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Solution B MyTaq™ Extract Kit

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| Catalog No: | BIO-21127 |
| Lot No: | PM379-B072370 |
| Shipping / Storage Conditions: | -20°C |
| Component Lot No: | MXB-919107A |
| Expiry date: | August 2021 |

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 2.5×10^{-3} U DNase. | Passed |

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