

BioMix™

For Research Use Only

| | |
|-------------------------------|---------------|
| Catalog No: | BIO-25012 |
| Lot No: | PM315-B072670 |
| Storage / Storage Conditions: | -20°C |
| Component Lot No: | BM15-919207A |
| Expiry date: | August 2021 |

Quality Control Parameters

| Analysis | Specification | Result |
|---------------------|---|--------|
| Functional | A 1.2Kb fragment is amplified with a dilution series of human genomic DNA, using standard conditions and 30 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

MgCl₂ Solution, 50mM

Suitable for Research and further Manufacturing Use as an IVD component

| | |
|--------------------------------|---------------|
| Catalog No: | BIO-25012 |
| Lot No: | PM315-B072670 |
| Shipping / Storage Conditions: | -20°C |
| Component Lot No: | MG-2031.006 |
| Expiry date: | August 2021 |

Quality Control Parameters

| Analysis | Specification | Result |
|---------------------|---|--------|
| Functional | Fragments of sizes 800bp and 3000bp are amplified with a dilution series of BIOTAQ™ DNA Polymerase, using standard conditions and 30 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

