



Certificate of Analysis

COA No: CA BMM-0018

Version: 03

ImmoMix Red™

For Research Use Only

Storage Conditions: -20°C

Lot number: IMXR-718307A

Expiry date: August 2020

Quality Control Parameters

| Analysis | Specification | Result |
|---------------------|---|--------|
| Functional | A 0.9Kb 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 |

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|---|--------------------------------|---------------------|
|  <small>A Medvet Life Sciences Company</small> | Certificate of Analysis | COA No: CA_XBB-0014 |
| | | Version: 03 |

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|---|---------------------|-------------|
| <h2>MgCl₂ Solution, 50mM</h2> <p>Suitable for Research and further Manufacturing Use as an IVD component</p> | Storage Conditions: | -20°C |
| | Lot number: | MG-2031.003 |
| | Expiry date: | August 2020 |

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 |

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