

MyTaq™ DNA Polymerase

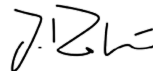
For Research and Further Manufacturing use only

| | |
|---------------------|---------------|
| Catalog No: | BIO-21110 |
| Lot No: | PL308-B131050 |
| Storage Conditions: | -20°C |
| Component Lot No: | MT-324209A |
| Expiry date: | October 2026 |

Quality Control Parameters

| Analysis | Specification | Result |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| Functional | A 3Kb fragment is amplified with a dilution series of human genomic DNA and a dilution series of enzyme, 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 |

QA / QC Representative:



J. Rahnenführer

 Date: 24th September 2024

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Certificate of Analysis

COA No: CA_XBB-0026

Version: 08

MyTaq™ Red Reaction Buffer

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| | |
|---------------------|---------------|
| Catalog No: | BIO-21110 |
| Lot No: | PL308-B131050 |
| Storage Conditions: | -20°C |
| Component Lot No: | MTBR-324109A |
| Expiry date: | October 2026 |

Quality Control Parameters

| Analysis | Specification | Result |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| Functional | Fragment of size 1200bp was 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 |

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