meridian BIOSCIENCE	Certificate of Analysis	COA No: CA_XBE-0001-2
		Version: 08

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 *E. coli* 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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meridian BIOSCIENCE™	Certificate of Analysis	COA No: CA_XBB-0026
		Version: 08

MyTaq™ Red Reaction Buffer

For research or further manufacturing use only

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 *E. coli* 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 x 10^{-3} U DNase.	Passed

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