



Certificate of Analysis

COA No: CA_XBE-0001-2

Version: 04

MyTaq™ DNA Polymerase

For Research Use Only

Kit Lot No:	BIO-21105_PL301-B066490
Storage Conditions:	-20°C
Component Lot No:	MT-819101A
Expiry date:	February 2021

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

Authorised by Christopher Weatherall

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Certificate of Analysis

COA No: CA_XBB-0025

Version: 04

MyTaq™ Reaction Buffer

Suitable for Research and further Manufacturing Use as an IVD component

Kit Lot No:	BIO-21105_PL301-B066490
Storage Conditions:	-20°C
Component Lot No:	MTB-819201A
Expiry date:	February 2021

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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