



## Certificate of Analysis

COA No: CA BEM-0013

Version: 04

# MyTaq™ HS DNA Polymerase

Suitable for Research and further Manufacturing Use as an IVD component

Storage Conditions: -20°C

Lot number: MTH-819402A

Expiry date: March 2021

### Quality Control Parameters

Analysis	Specification	Result
Functional	Fragments of sizes 525bp, 750bp, 900bp and 1300bp are 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 $2.5 \times 10^{-3}$ U DNase.	Passed

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 <small>A Mediatech Life Sciences Company</small>	<h2>Certificate of Analysis</h2>	COA No: CA_XBB-0025
		Version: 03

<h1>MyTaq™ Reaction Buffer</h1> Suitable for Research and further Manufacturing Use as an IVD component	Storage Conditions:	-20°C
	Lot number:	MTB-819202A
	Expiry date:	March 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 $2.5 \times 10^{-3}$ U DNase.	Passed

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