

# MyTaq™ HS DNA Polymerase

Suitable for Research and further Manufacturing Use as an IVD component

Catalog No:	BIO-21113
Lot No:	PL341-B070810
Shipping / Storage Conditions:	-20°C
Component Lot No:	MTH-819405A
Expiry date:	June 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

Authorised by Christopher Weatherall



## 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-21113_PL341-B070810
Storage Conditions:	-20°C
Component Lot No:	MTB-819205A
Expiry date:	June 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

Authorised by Christopher Weatherall

**United Kingdom**  
Headquarters UK

[info.uk@bioline.com](mailto:info.uk@bioline.com)  
Tel: +44 (0)20 8830 5300  
Fax: +44 (0)20 8452 2822

**USA**

[info@meridianlifescience.com](mailto:info@meridianlifescience.com)  
Tel: +1 901.382.8716  
Fax: +1 901.382.0027

**Germany**

[info.de@bioline.com](mailto:info.de@bioline.com)  
Tel: +49 (0)3371 60222 00  
Fax: +49 (0)3371 60222 01

**France**

[info.fr@bioline.com](mailto:info.fr@bioline.com)  
Tel: +33 (0)1 42 56 04 40  
Fax: +33 (0)9 70 06 62 10

**Australia**

[info.aust@bioline.com](mailto:info.aust@bioline.com)  
Tel: +61 (0)2 9209 4180  
Fax: +61 (0)2 9209 4763