

<h2 style="margin: 0;">MyTaq™ HS DNA Polymerase</h2> <p style="margin: 5px 0 0 40px;">For research or further manufacturing use only</p>	Catalog No:	BIO-21115
	Lot No:	PL345-B112970
	Storage Conditions:	-20°C
	Component Lot No:	MTH-222411A
	Expiry date:	December 2024

### 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

QA / QC Representative:  Andrew Galeeba-M Date: 28<sup>th</sup> November 2022

**United Kingdom**

 Tel: +44 (0)20 8830 5300  
 Fax: +44 (0)20 8452 2822

**USA**

 Tel: +1 901.382.8716  
 Fax: +1 901.382.0027

**Germany**

 Tel: +49 (0)3371 60222 00  
 Fax: +49 (0)3371 60222 01

**Australia**

 Tel: +61 (0)2 9209 4180  
 Fax: +61 (0)2 9209 4763

# MyTaq™ Red Reaction Buffer

For research or further manufacturing use only

Catalog No:	BIO-21115
Lot No:	PL345-B112970
Storage Conditions:	-20°C
Component Lot No:	MTBR-222211A
Expiry date:	December 2024

## 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

QA / QC Representative:



Andrew Galeeba-M

Date: 28<sup>th</sup> November 2022

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Fax: +1 901.382.0027

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Tel: +49 (0)3371 60222 00  
Fax: +49 (0)3371 60222 01

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Tel: +61 (0)2 9209 4180  
Fax: +61 (0)2 9209 4763