

MyTaq™ HS Red Mix

For research or further manufacturing use only

Catalog No:	BIO-21127
Lot No:	PM379-B111790
Storage Conditions:	-20°C
Component Lot No:	MTHRX-222110B
Expiry date:	November 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 2.5×10^{-3} U DNase.	Passed

QA / QC Representative:



Alberta Newton

Date: 3rd November 2022

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Tissue Extract-PCR Buffer A

For research or further manufacturing use only

Catalog No:	BIO-21127
Lot No:	PM379-B111790
Storage Conditions:	-20°C
Component Lot No:	MXA-122110A
Expiry date:	November 2024

Quality Control Parameters

Lysis and neutralization buffer optimized for use with Taq HS DNA Polymerase (Cat# MDX008) to perform PCR direct from crude lysate

Analysis	Specification	Result
Functional	Fragment of size 1Kb was amplified, with a dilution series of DNA extracted from mouse tails and mouse cells, 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

QA / QC Representative:



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Tissue Extract-PCR Buffer B

For research or further manufacturing use only

Catalog No:	BIO-21127
Lot No:	PM379-B111790
Storage Conditions:	-20°C
Component Lot No:	MXB-122110A
Expiry date:	November 2024

Quality Control Parameters

Lysis and neutralization buffer optimized for use with Taq HS DNA Polymerase (Cat# MDX008) to perform PCR direct from crude lysate

Analysis	Specification	Result
Functional	Fragment of size 1Kb was amplified, with a dilution series of DNA extracted from mouse tails and mouse cells, 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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Change history:

V01

- New document

V02

- Addition of Catalog number box
- Addition of product description
- Addition of shipping conditions

V03

- Removed shipping

V04

- Removal of fixed signature to "QA / QC Representative"
- Update of footer

V05

- Removal of IVD comment in main body with "For research or further manufacturing use only"

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