

**MyTaq™ HS Red Mix**

For Research Use Only

Catalog No:	BIO-21127
Lot No:	PM379-B074430
Shipping / Storage Conditions:	-20°C
Component Lot No:	MTHRX-919309A
Expiry date:	October 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

## Solution A MyTaq™ Extract Kit

For Research Use Only

Catalog No:	BIO-21127
Lot No:	PM379-B074430
Shipping / Storage Conditions:	-20°C
Component Lot No:	MXA-919109A
Expiry date:	October 2021

### Quality Control Parameters

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 $2.5 \times 10^{-3}$ U DNase.	Passed

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**Solution B MyTaq™ Extract Kit**

For Research Use Only

Catalog No:	BIO-21127
Lot No:	PM379-B074430
Shipping / Storage Conditions:	-20°C
Component Lot No:	MXB-919109A
Expiry date:	October 2021

**Quality Control Parameters**

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 $2.5 \times 10^{-3}$ U DNase.	Passed

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