BIOLINE A Meridian Life Science® Company	**Certificate of Analysis**	**COA No: CA BMM-0020** **Version: 04**

MyTaq™ HS Red Mix For Research Use Only	Kit Lot No:	BIO-25048_PM348-B066530
	Storage Conditions:	-20°C
	Component Lot No:	MTHRX-819401A
	Expiry date:	February 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 *E. coli* 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 x 10^{-3} U DNase.	Passed

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