

MyTaq Blood PCR Mix

For Research Use Only

Catalog No:	BIO-25054
Lot No:	PM642-B070830
Shipping / Storage Conditions:	-20°C
Component Lot No:	MTBX-819205A
Expiry date:	June 2021

Quality Control Parameters

Analysis	Specification	Result
Functional	<p>Fragment of size 5Kb was amplified with a dilution series human blood, using standard conditions and 40 cycles. Single distinct bands were observed with agarose gel electrophoresis (ethidium stained).</p> <p>A four plex PCR reaction was run using standard conditions, 40 cycles with a dilution series of mix and 35 cycles with a dilution series of human blood. Bands sizes were 1.2Kb, 844bp, 450bp and 237bp. Distinct bands were observed with agarose gel electrophoresis (ethidium stained).</p>	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

Authorised by Christopher Weatherall