

## MyTaq™ Blood PCR Mix

For research or further manufacturing use only

Catalog No:	BIO-25054
Lot No:	PM642-B118170
Storage Conditions:	-20°C
Component Lot No:	MTBX-223106A
Expiry date:	JULY 2025

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

QA / QC Representative:



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