

## Liquid Biopsy Blood DNA qPCR Mix

For research or further manufacturing use only

Catalog No:	ODX002
Lot No:	B118700
Storage Conditions:	-20°C
Component Lot No:	323106A
Expiry date:	July 2025

### Quality Control Parameters

Analysis	Specification	Result
Functional	<p>Quantitative real-time PCR analysis amplifying a target gene from dilutions of mouse cDNA under standard cycling conditions.</p> <p><u>Pass Criteria:</u></p> <p>Amplification profiles must be consistent for the test and reference sample within <math>\leq 0.5</math> Cq difference for dilutions <math>&lt; 30</math> Cq and <math>\leq 1.0</math> Cq for dilutions <math>\geq 30</math>.</p>	Passed
DNA contamination	<p>Quantitative PCR analysis with no template. Presence of <i>E. coli</i> and mouse genomic DNA checked. Test sample must amplify in concordance with control sample.</p> <p><u>Pass Criteria:</u></p> <p>Amplification traces must overlay with the negative control.</p>	Passed
DNase contamination	<p>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 <math>2.5 \times 10^{-3}</math> U DNase.</p> <p><u>Pass Criteria:</u></p> <p>No detectable degradation.</p>	Passed

QA / QC Representative:



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Date: 3<sup>rd</sup> July 2023

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