

Certificate of Analysis



SCIENTIFIC

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An ISO 9001 Certified Company

UniPLUS RT-qPCR MASTER MIX

PRODUCT NUMBER

IB43152 _____ 2000/4000 RxNs

LOT NO.

Lot# _____ 042220002

STORAGE

Store at -20°C upon arrival.

CONCENTRATION

Concentration _____ 4X

ASSAY/SPECIFICATION

	Analysis	Disposition
Quality Control Assays - The following Quality Control Tests are performed on each new lot and meet the specifications designated for the product:		
• DNase and RNase Activity: IBI Taq DNA Polymerase is tested for nuclease degradation in reactions containing a DNA or RNA substrate. After incubation for 1 hour there is no detectable degradation of the DNA or RNA substrate as determined by agarose gel electrophoresis.	PASS / FAIL	PASS
• Functional Assay: IBI Taq DNA Polymerase is tested for performance in the polymerase chain reaction (PCR) using 25 and 10µl reaction volumes. Reactions containing the master mix, control template DNA and specific primers resulted in the expected product for both E. coli and Human gDNA.	PASS / FAIL	PASS
• Contamination Assay: IBI Taq DNA Polymerase is used as the template in qPCR reactions using Universal 16S ribosomal primers that have specificity to both E. coli and Human gDNA. No E. coli or Human gDNA are detected before 30 cycles.	PASS / FAIL	PASS

DATE OF

Manufacture Date: _____ 04/22/2020

CERTIFICATION

We certify that this batch conforms to the specifications listed above and has been reviewed by a quality representative. This document has been electronically produced and signed by IBI SCIENTIFIC.

Toby Frericks
Quality Control

04/22/20
Date

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