

Certificate of Analysis



SCIENTIFIC

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TAQ HOTSTART KEENGREEN 2X MASTER MIX

PRODUCT NUMBER

IB43133 _____ 1000RxNs

LOT NO.

Lot# _____ 081720005

STORAGE

Store at -20°C upon arrival. Minimize number of freeze/thaw cycles by storing in working aliquots.

CONCENTRATION

Concentration _____ 2X

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 HotStart KeenGreen 2X Master Mix 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 HotStart KeenGreen 2X Master Mix 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 HotStart KeenGreen 2X Master Mix 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: _____ 08/17/2020

Expiration Date: _____ 03/13/2022

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

08/18/20
Date

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