

New England Biolabs Certificate of Analysis

Product Name: Phusion® High-Fidelity PCR Master Mix with GC Buffer
Catalog Number: M0532L
Concentration: 2 X Concentrate
Packaging Lot Number: 10165580
Expiration Date: 07/2023
Storage Temperature: -20°C
Specification Version: PS-M0532S/L v2.0
Composition (1X): 1 X Phusion® GC Buffer, 0.2 mM dATP, 0.2 mM dCTP, 0.2 mM dGTP, 0.2 mM dTTP, 20 units/ml Phusion® High-Fidelity DNA Polymerase

| Phusion® High-Fidelity PCR Master Mix with GC Buffer Component List | | | |
|---|--|------------|----------------------|
| NEB Part Number | Component Description | Lot Number | Individual QC Result |
| M0532SVIAL | Phusion® High-Fidelity PCR Master Mix with GC Buffer | 10135604 | Pass |
| B0515AVIAL | DMSO | 10150729 | Pass |

| Assay Name/Specification | Lot # 10165580 |
|---|----------------|
| PCR Amplification (20 kb Lambda DNA, Master Mix) A 50 µl reaction in 1X Phusion® High-Fidelity PCR Master Mix with GC Buffer and 1.0 µM primers containing 10 ng Lambda DNA for 22 cycles of PCR amplification results in the expected 20 kb product. | Pass |
| PCR Amplification (7.5 kb Human Genomic DNA, Master Mix) A 50 µl reaction in 1X Phusion® High-Fidelity PCR Master Mix with GC Buffer and 1.0 µM primers containing 50 ng Human Genomic DNA for 30 cycles of PCR amplification results in the expected 7.5 kb product. | Pass |

This product has been tested and shown to be in compliance with all specifications.

One or more products referenced in this document may be covered by a 3rd-party trademark. Please visit www.neb.com/trademarks for additional information.


Kafem Moreira
Production Scientist
27 Jan 2022


Michael Tonello
Packaging Quality Control Inspector
17 Oct 2022