

New England Biolabs Certificate of Analysis

Product Name: Phusion® High-Fidelity PCR Master Mix with HF Buffer
Catalog Number: M0531L
Concentration: 2 X Concentrate
Lot Number: 10056074
Expiration Date: 01/2021
Storage Temperature: -20°C
Specification Version: PS-M0531S/L v2.0
Composition (1X): 1 X Phusion® HF 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 HF Buffer Component List | | | |
|---|--|------------|----------------------|
| NEB Part Number | Component Description | Lot Number | Individual QC Result |
| M0531SVIAL | Phusion® High-Fidelity PCR Master Mix with HF Buffer | 10047033 | Pass |
| B0515AVIAL | DMSO | 10019997 | Pass |

| Assay Name/Specification | Lot # 10056074 |
|---|----------------|
| PCR Amplification (20 kb Lambda DNA, Master Mix) A 50 µl reaction in 1X Phusion® High-Fidelity PCR Master Mix with HF 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 HF 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.

Christie Vazquez

Christie Vazquez
Production Scientist
30 Jul 2019

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
10 Oct 2019