

New England Biolabs Certificate of Analysis

Product Name: Phusion® High-Fidelity PCR Master Mix with HF Buffer
Catalog Number: M0531L
Concentration: 2 X Concentrate
Packaging Lot Number: 10174496
Expiration Date: 04/2024
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	10165957	Pass
B0515AVIAL	DMSO	10168878	Pass

Assay Name/Specification	Lot # 10174496
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
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

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

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Trinh Nguyen
Production Scientist
06 Oct 2022



Josh Hersey
Packaging Quality Control Inspector
20 Jan 2023