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New England Biolabs Certificate of Analysis

Product Name: Phusion® High-Fidelity PCR Master Mix with HF Buffer

Catalog Number: M0531S

Concentration: 2 X Concentrate

Packaging Lot Number: 10110296
Expiration Date: 08/2022
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	10099142	Pass	
B0515AVIAL	DMSO	10096249	Pass	

Assay Name/Specification	Lot # 10110296
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

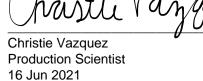
This product has been tested and shown to be in compliance with all specifications.

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Michael Tonello

Packaging Quality Control Inspector

16 Jun 2021