


New England Biolabs Certificate of Analysis

Product Name: Phusion® High-Fidelity PCR Master Mix with GC Buffer
Catalog Number: M0532L
Concentration: 2 X Concentrate
Lot Number: 10010032
Expiration Date: 06/2019
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	0281712	Pass
B0515AVIAL	DMSO	0051711	Pass

Assay Name/Specification	Lot # 10010032
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.



Lynne Apone
Production Scientist
30 May 2018



Michael Tonello
Packaging Quality Control Inspector
30 May 2018