

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: 10045701
Expiration Date: 07/2020
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	10032993	Pass
B0515AVIAL	DMSO	10041254	Pass

Assay Name/Specification	Lot # 10045701
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
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

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

Christie Vazquez

Christie Vazquez
Production Scientist
24 Jan 2019

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
15 May 2019