

240 County Road Ipswich, MA 01938-2723 Tel 978-927-5054 Fax 978-921-1350 www.neb.com info@neb.com

New England Biolabs Certificate of Analysis

Product Name: Q5® High-Fidelity PCR Kit

Catalog Number: E0555S
Packaging Lot Number: 10079941
Expiration Date: 12/2021
Storage Temperature: -20°C

Specification Version: PS-E0555S/L v3.0

Q5® High-Fidelity PCR Kit Component List				
NEB Part Number	Component Description	Lot Number	Individual QC Result	
N0550AVIAL	Quick-Load® Purple 1 kb Plus DNA Ladder	10059626	Pass	
M0492SVIAL	Q5® High-Fidelity 2X Master Mix	10072059	Pass	
B7024SVIAL	Gel Loading Dye, Purple (6X)	10055732	Pass	
B1502AVIAL	Nuclease-free Water	10074615	Pass	

Assay Name/Specification	Lot # 10079941
PCR Amplification (20 kb Lambda DNA, Master Mix) A 50 μl reaction in 1X Q5® High-Fidelity Master Mix 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 kb Human Genomic DNA, Master Mix) A 50 μl reaction in 1X Q5® High-Fidelity Master Mix and 0.5 μM primers containing 20 ng Human Genomic DNA for 30 cycles of PCR amplification results in the expected 7 kb product.	Pass
* Individual Product Component Note Standard Quality Control Tests are performed for each component included in Q5® High-Fidelity PCR Kit and meet the designated specifications.	Pass

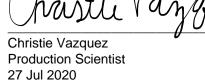
This product has been tested and shown to be in compliance with all specifications.

One or more products referenced in this document may be covered by a 3rd-party trademark. Please visit www.neb.com/trademarks for additional information.



E0555S / Lot: 10079941

Page 1 of 2



Michael Tonello

Packaging Quality Control Inspector

27 Jul 2020

E0555S / Lot: 10079941

Page 2 of 2