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New England Biolabs Certificate of Analysis

Product Name: NEBNext® Library Quant Kit for Illumina®

Catalog Number: E7630L
Packaging Lot Number: 10082458
Expiration Date: 06/2022
Storage Temperature: -20°C

Specification Version: PS-E7630S/L v1.0

NEBNext® Library Quant Kit for Illumina® Component List				
NEB Part Number	Component Description	Lot Number	Individual QC Result	
E7641AAVIAL	ROX (High)	10075558	Pass	
E7640AAVIAL	NEBNext® Library Quant Master Mix	10075551	Pass	
E7639AAVIAL	NEBNext® Library Quant Primer Mix	10075552	Pass	
E7638AAVIAL	ROX (Low)	10075559	Pass	
E7637AAVIAL	NEBNext® Library Quant DNA Standard 4	10075557	Pass	
E7636AAVIAL	NEBNext® Library Quant DNA Standard 3	10075556	Pass	
E7635AAVIAL	NEBNext® Library Quant DNA Standard 2	10075555	Pass	
E7634AAVIAL	NEBNext® Library Quant DNA Standard 1	10075554	Pass	
E7633AAVIAL	NEBNext® Library Dilution Buffer	10075553	Pass	

Assay Name/Specification	Lot # 10082458
Functional Testing (qPCR, Standard Curve)	Pass
NEBNext® Library Quant Kit for Illumina® is functionally tested with qPCR using the	
following criteria for PCR efficiency, fluorescence values, and no-template control	
(NTC) amplification. Five, 20 μl reactions are run in triplicate in 1X NEBNext®	
Library Quant Master Mix and 1X NEBNext® Library Quant Primer Mix containing	
NEBNext® Library Quant DNA Standards 1-4 and a no-template control for 35 cycles of	
PCR amplification, resulting in a standard curve with a calculated PCR efficiency of	
90-100% and a no-template control threshold cycle of >30 Cq.	
* Individual Product Component Note	Pass
Standard Quality Control Tests are performed for each component included in NEBNext®	
Library Quant Kit for Illumina® and meet the designated specifications.	

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.



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Christine Sumner Production Scientist 14 Aug 2020

NEW ENGLAND

Michael Tonello

Packaging Quality Control Inspector

14 Aug 2020