

New England Biolabs Certificate of Analysis

Product Name: NEBNext® Library Quant Kit for Illumina®
 Catalog Number: E7630L
 Packaging Lot Number: 10054739
 Expiration Date: 10/2021
 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) | 10054747 | Pass |
| E7640AAVIAL | NEBNext® Library Quant Master Mix | 10054740 | Pass |
| E7639AAVIAL | NEBNext® Library Quant Primer Mix | 10054741 | Pass |
| E7638AAVIAL | ROX (Low) | 10054748 | Pass |
| E7637AAVIAL | NEBNext® Library Quant DNA Standard 4 | 10054746 | Pass |
| E7636AAVIAL | NEBNext® Library Quant DNA Standard 3 | 10054745 | Pass |
| E7635AAVIAL | NEBNext® Library Quant DNA Standard 2 | 10054744 | Pass |
| E7634AAVIAL | NEBNext® Library Quant DNA Standard 1 | 10054743 | Pass |
| E7633AAVIAL | NEBNext® Library Dilution Buffer | 10054742 | Pass |

| Assay Name/Specification | Lot # 10054739 |
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| Functional Testing (qPCR, Standard Curve) 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. | Pass |
| * Individual Product Component Note Standard Quality Control Tests are performed for each component included in NEBNext® Library Quant Kit for Illumina® 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.



Melissa Arn

Melissa Arn
Production Scientist
12 Nov 2019

Josh Hersey

Josh Hersey
Packaging Quality Control Inspector
15 Jun 2020