

New England Biolabs Certificate of Analysis

Product Name: NEBNext® Library Quant Kit for Illumina®
 Catalog Number: E7630S
 Packaging Lot Number: 10142204
 Expiration Date: 10/2023
 Storage Temperature: -20°C
 Specification Version: PS-E7630S/L v2.0

| NEBNext® Library Quant Kit for Illumina® Component List | | | |
|---|---------------------------------------|------------|----------------------|
| NEB Part Number | Component Description | Lot Number | Individual QC Result |
| E7641AVIAL | ROX (High) | 10119364 | Pass |
| E7640AVIAL | NEBNext® Library Quant Master Mix | 10119355 | Pass |
| E7639AVIAL | NEBNext® Library Quant Primer Mix | 10119356 | Pass |
| E7638AVIAL | ROX (Low) | 10119365 | Pass |
| E7633AVIAL | NEBNext® Library Dilution Buffer | 10119357 | Pass |
| E6891AVIAL | NEBNext® Library Quant DNA Standard 6 | 10119363 | Pass |
| E6890AVIAL | NEBNext® Library Quant DNA Standard 5 | 10119362 | Pass |
| E6889AVIAL | NEBNext® Library Quant DNA Standard 4 | 10119361 | Pass |
| E6888AVIAL | NEBNext® Library Quant DNA Standard 3 | 10119360 | Pass |
| E6887AVIAL | NEBNext® Library Quant DNA Standard 2 | 10119359 | Pass |
| E6886AVIAL | NEBNext® Library Quant DNA Standard 1 | 10119358 | Pass |

| Assay Name/Specification | Lot # 10142204 |
|---|----------------|
| <p>* 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.</p> | Pass |
| <p>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. Seven, 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 1-6 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.</p> | 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.



Christine Sumner
Production Scientist
18 Feb 2022



Michael Tonello
Packaging Quality Control Inspector
18 Feb 2022