

New England Biolabs Certificate of Analysis

Product Name: NEBNext[®] Library Quant Kit for Illumina[®]
 Catalog Number: E7630L
 Packaging Lot Number: 10120001
 Expiration Date: 03/2023
 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 |
| E7641AAVIAL | ROX (High) | 10103894 | Pass |
| E7640AAVIAL | NEBNext [®] Library Quant Master Mix | 10103887 | Pass |
| E7639AAVIAL | NEBNext [®] Library Quant Primer Mix | 10103888 | Pass |
| E7638AAVIAL | ROX (Low) | 10103895 | Pass |
| E7633AAVIAL | NEBNext [®] Library Dilution Buffer | 10103889 | Pass |
| E6891AAVIAL | NEBNext [®] Library Quant DNA Standard 6 | 10116932 | Pass |
| E6890AAVIAL | NEBNext [®] Library Quant DNA Standard 5 | 10116931 | Pass |
| E6889AAVIAL | NEBNext [®] Library Quant DNA Standard 4 | 10116930 | Pass |
| E6888AAVIAL | NEBNext [®] Library Quant DNA Standard 3 | 10116929 | Pass |
| E6887AAVIAL | NEBNext [®] Library Quant DNA Standard 2 | 10116928 | Pass |
| E6886AAVIAL | NEBNext [®] Library Quant DNA Standard 1 | 10116927 | Pass |

| Assay Name/Specification | Lot # 10120001 |
|--|----------------|
| <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 |
| <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 |

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 Cormier
Production Scientist
26 Aug 2021



Michael Tonello
Packaging Quality Control Inspector
30 Sep 2021