

New England Biolabs Certificate of Analysis

Product Name: NEBNext® Library Quant Kit for Illumina®
 Catalog Number: E7630S
 Lot Number: 10017620
 Expiration Date: 06/2020
 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 |
| E7641AVIAL | ROX (High) | 0081806 | Pass |
| E7640AVIAL | NEBNext® Library Quant Master Mix | 0111806 | Pass |
| E7639AVIAL | NEBNext® Library Quant Primer Mix | 0041806 | Pass |
| E7638AVIAL | ROX (Low) | 0081806 | Pass |
| E7637AVIAL | NEBNext® Library Quant DNA Standard 4 | 0161806 | Pass |
| E7636AVIAL | NEBNext® Library Quant DNA Standard 3 | 0161806 | Pass |
| E7635AVIAL | NEBNext® Library Quant DNA Standard 2 | 0161806 | Pass |
| E7634AVIAL | NEBNext® Library Quant DNA Standard 1 | 0161806 | Pass |
| E7633AVIAL | NEBNext® Library Dilution Buffer | 0081806 | Pass |

| Assay Name/Specification | Lot # 10017620 |
|--|----------------|
| <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. 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.</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.

Christine Sumner

Christine Sumner
Production Scientist
10 Aug 2018

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
10 Aug 2018