

New England Biolabs Certificate of Analysis

Product Name: NEBNext® Library Quant Kit for Illumina®
 Catalog Number: E7630S
 Lot Number: 10038647
 Expiration Date: 11/2020
 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)	10027350	Pass
E7640AVIAL	NEBNext® Library Quant Master Mix	10027343	Pass
E7639AVIAL	NEBNext® Library Quant Primer Mix	10027344	Pass
E7638AVIAL	ROX (Low)	10027351	Pass
E7637AVIAL	NEBNext® Library Quant DNA Standard 4	10027349	Pass
E7636AVIAL	NEBNext® Library Quant DNA Standard 3	10027348	Pass
E7635AVIAL	NEBNext® Library Quant DNA Standard 2	10027347	Pass
E7634AVIAL	NEBNext® Library Quant DNA Standard 1	10027346	Pass
E7633AVIAL	NEBNext® Library Dilution Buffer	10027345	Pass

Assay Name/Specification	Lot # 10038647
<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
06 Mar 2019

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
06 Mar 2019