

New England Biolabs Certificate of Analysis

Product Name: NEBNext® Library Quant Kit for Illumina®
 Catalog Number: E7630L
 Packaging Lot Number: 10070790
 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 # 10070790
<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
17 Mar 2020

Josh Hersey

Josh Hersey
Packaging Quality Control Inspector
17 Mar 2020