

New England Biolabs Certificate of Analysis

Product Name: NEBNext® Library Quant Kit for Illumina®
 Catalog Number: E7630S
 Packaging Lot Number: 10117864
 Expiration Date: 03/2023
 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)	10103884	Pass
E7640AVIAL	NEBNext® Library Quant Master Mix	10103877	Pass
E7639AVIAL	NEBNext® Library Quant Primer Mix	10103878	Pass
E7638AVIAL	ROX (Low)	10103885	Pass
E7637AVIAL	NEBNext® Library Quant DNA Standard 4	10103883	Pass
E7636AVIAL	NEBNext® Library Quant DNA Standard 3	10103882	Pass
E7635AVIAL	NEBNext® Library Quant DNA Standard 2	10103881	Pass
E7634AVIAL	NEBNext® Library Quant DNA Standard 1	10103880	Pass
E7633AVIAL	NEBNext® Library Dilution Buffer	10103879	Pass

Assay Name/Specification	Lot # 10117864
<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. 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

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
29 Jul 2021



Josh Hersey
Packaging Quality Control Inspector
29 Jul 2021