

New England Biolabs Certificate of Analysis

Product Name: NEBNext® Library Quant Kit for Illumina®
 Catalog Number: E7630L
 Packaging Lot Number: 10224675
 Expiration Date: 05/2025
 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)	10187051	Pass
E7640AAVIAL	NEBNext® Library Quant Master Mix	10222187	Pass
E7639AAVIAL	NEBNext® Library Quant Primer Mix	10187042	Pass
E7638AAVIAL	ROX (Low)	10187052	Pass
E7633AAVIAL	NEBNext® Library Dilution Buffer	10187043	Pass
E6891AAVIAL	NEBNext® Library Quant DNA Standard 6	10187050	Pass
E6890AAVIAL	NEBNext® Library Quant DNA Standard 5	10187049	Pass
E6889AAVIAL	NEBNext® Library Quant DNA Standard 4	10187047	Pass
E6888AAVIAL	NEBNext® Library Quant DNA Standard 3	10187046	Pass
E6887AAVIAL	NEBNext® Library Quant DNA Standard 2	10187045	Pass
E6886AAVIAL	NEBNext® Library Quant DNA Standard 1	10187044	Pass

Assay Name/Specification	Lot # 10224675
<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. 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

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
28 Dec 2023



Michael Tonello
Packaging Quality Control Inspector
05 Jan 2024