

## New England Biolabs Certificate of Analysis


Product Name: NEBNext® Library Quant Kit for Illumina®  
 Catalog Number: E7630L  
 Packaging Lot Number: 10208689  
 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	10187041	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 # 10208689
<p><b>* Individual Product Component Note</b>            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><b>Functional Testing (qPCR, Standard Curve)</b>            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 &gt;30 Cq.</p>	Pass

This product has been tested and shown to be in compliance with all specifications.

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Christine Sumner  
Production Scientist  
15 Sep 2023



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Josh Hersey  
Packaging Quality Control Inspector  
15 Sep 2023