

New England Biolabs Certificate of Analysis

Product Name: NEBNext® Library Quant Kit for Illumina®
 Catalog Number: E7630S
 Packaging Lot Number: 10213919
 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
E7641AVIAL	ROX (High)	10187062	Pass
E7640AVIAL	NEBNext® Library Quant Master Mix	10187053	Pass
E7639AVIAL	NEBNext® Library Quant Primer Mix	10187054	Pass
E7638AVIAL	ROX (Low)	10187064	Pass
E7633AVIAL	NEBNext® Library Dilution Buffer	10187055	Pass
E6891AVIAL	NEBNext® Library Quant DNA Standard 6	10187061	Pass
E6890AVIAL	NEBNext® Library Quant DNA Standard 5	10187060	Pass
E6889AVIAL	NEBNext® Library Quant DNA Standard 4	10187059	Pass
E6888AVIAL	NEBNext® Library Quant DNA Standard 3	10187058	Pass
E6887AVIAL	NEBNext® Library Quant DNA Standard 2	10187057	Pass
E6886AVIAL	NEBNext® Library Quant DNA Standard 1	10187056	Pass

Assay Name/Specification	Lot # 10213919
<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
26 Oct 2023



Michael Tonello
Packaging Quality Control Inspector
26 Oct 2023