

New England Biolabs Certificate of Analysis

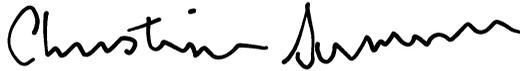
Product Name: NEBNext® Library Quant Kit for Illumina®
Catalog Number: E7630L
Packaging Lot Number: 10179660
Expiration Date: 11/2024
Storage Temperature: -20°C
Specification Version: PS-E7630S/L v2.0

NEBNext® Library Quant Kit for Illumina® Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7641AAVIAL	ROX (High)	10169304	Pass
E7640AAVIAL	NEBNext® Library Quant Master Mix	10169294	Pass
E7639AAVIAL	NEBNext® Library Quant Primer Mix	10169295	Pass
E7638AAVIAL	ROX (Low)	10169305	Pass
E7633AAVIAL	NEBNext® Library Dilution Buffer	10169296	Pass
E6891AAVIAL	NEBNext® Library Quant DNA Standard 6	10169302	Pass
E6890AAVIAL	NEBNext® Library Quant DNA Standard 5	10169301	Pass
E6889AAVIAL	NEBNext® Library Quant DNA Standard 4	10169300	Pass
E6888AAVIAL	NEBNext® Library Quant DNA Standard 3	10169299	Pass
E6887AAVIAL	NEBNext® Library Quant DNA Standard 2	10169298	Pass
E6886AAVIAL	NEBNext® Library Quant DNA Standard 1	10169297	Pass

Assay Name/Specification	Lot # 10179660
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.	Pass
* 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.	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
07 Feb 2023



Michael Tonello
Packaging Quality Control Inspector
07 Feb 2023