

New England Biolabs Certificate of Analysis

Product Name: NEBNext[®] Library Quant Kit for Illumina[®]
Catalog Number: E7630L
Packaging Lot Number: 10094291
Expiration Date: 06/2022
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
E7641AAVIAL	ROX (High)	10075558	Pass
E7640AAVIAL	NEBNext [®] Library Quant Master Mix	10075551	Pass
E7639AAVIAL	NEBNext [®] Library Quant Primer Mix	10075552	Pass
E7638AAVIAL	ROX (Low)	10075559	Pass
E7637AAVIAL	NEBNext [®] Library Quant DNA Standard 4	10075557	Pass
E7636AAVIAL	NEBNext [®] Library Quant DNA Standard 3	10075556	Pass
E7635AAVIAL	NEBNext [®] Library Quant DNA Standard 2	10075555	Pass
E7634AAVIAL	NEBNext [®] Library Quant DNA Standard 1	10075554	Pass
E7633AAVIAL	NEBNext [®] Library Dilution Buffer	10075553	Pass

Assay Name/Specification	Lot # 10094291
<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
<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

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

Christine Sumner
Production Scientist
18 Dec 2020

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
18 Dec 2020