

## New England Biolabs Certificate of Analysis

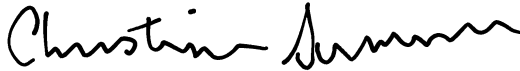
**Product Name:** NEBNext® Library Quant Kit for Illumina®  
**Catalog Number:** E7630L  
**Packaging Lot Number:** 10155872  
**Expiration Date:** 05/2024  
**Storage Temperature:** -20°C  
**Specification Version:** PS-E7630S/L v2.0

NEBNext® Library Quant Kit for Illumina® Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7641AAVIAL	ROX (High)	10149668	Pass
E7640AAVIAL	NEBNext® Library Quant Master Mix	10149658	Pass
E7639AAVIAL	NEBNext® Library Quant Primer Mix	10149659	Pass
E7638AAVIAL	ROX (Low)	10149669	Pass
E7633AAVIAL	NEBNext® Library Dilution Buffer	10149660	Pass
E6891AAVIAL	NEBNext® Library Quant DNA Standard 6	10149666	Pass
E6890AAVIAL	NEBNext® Library Quant DNA Standard 5	10149665	Pass
E6889AAVIAL	NEBNext® Library Quant DNA Standard 4	10149664	Pass
E6888AAVIAL	NEBNext® Library Quant DNA Standard 3	10149663	Pass
E6887AAVIAL	NEBNext® Library Quant DNA Standard 2	10149662	Pass
E6886AAVIAL	NEBNext® Library Quant DNA Standard 1	10149661	Pass

Assay Name/Specification	Lot # 10155872
<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 >30 Cq.	<b>Pass</b>
<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.	<b>Pass</b>

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

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14 Jun 2022



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14 Jun 2022