

## New England Biolabs Certificate of Analysis

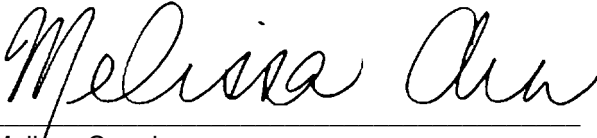
Product Name: NEBNext<sup>®</sup> Library Quant Kit for Illumina<sup>®</sup>  
 Catalog Number: E7630S  
 Packaging Lot Number: 10120000  
 Expiration Date: 03/2023  
 Storage Temperature: -20°C  
 Specification Version: PS-E7630S/L v2.0

NEBNext <sup>®</sup> Library Quant Kit for Illumina <sup>®</sup> Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7641AVIAL	ROX (High)	10103884	Pass
E7640AVIAL	NEBNext <sup>®</sup> Library Quant Master Mix	10103877	Pass
E7639AVIAL	NEBNext <sup>®</sup> Library Quant Primer Mix	10103878	Pass
E7638AVIAL	ROX (Low)	10103885	Pass
E7633AVIAL	NEBNext <sup>®</sup> Library Dilution Buffer	10103879	Pass
E6891AVIAL	NEBNext <sup>®</sup> Library Quant DNA Standard 6	10116926	Pass
E6890AVIAL	NEBNext <sup>®</sup> Library Quant DNA Standard 5	10116925	Pass
E6889AVIAL	NEBNext <sup>®</sup> Library Quant DNA Standard 4	10116924	Pass
E6888AVIAL	NEBNext <sup>®</sup> Library Quant DNA Standard 3	10116923	Pass
E6887AVIAL	NEBNext <sup>®</sup> Library Quant DNA Standard 2	10116922	Pass
E6886AVIAL	NEBNext <sup>®</sup> Library Quant DNA Standard 1	10116921	Pass

Assay Name/Specification	Lot # 10120000
<p><b>Functional Testing (qPCR, Standard Curve)</b>            NEBNext<sup>®</sup> Library Quant Kit for Illumina<sup>®</sup> 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<sup>®</sup> Library Quant Master Mix and 1X NEBNext<sup>®</sup> Library Quant Primer Mix containing NEBNext<sup>®</sup> 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> <p><b>* Individual Product Component Note</b>            Standard Quality Control Tests are performed for each component included in NEBNext<sup>®</sup> Library Quant Kit for Illumina<sup>®</sup> and meet the designated specifications.</p>	<p>Pass</p> <p>Pass</p>

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](http://www.neb.com/trademarks) for additional information.



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26 Aug 2021



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06 Oct 2021