

New England Biolabs Product Specification

Product Name: NEBNext[®] Library Quant Kit for Illumina[®]
Catalog #: E7630S/L
Kit Components: NEBNext[®] Library Quant Master Mix (E7640)
NEBNext[®] Library Quant Primer Mix (E7639)
NEBNext[®] Library Dilution Buffer (E7633)
NEBNext[®] Library Quant Kit DNA Standard 1 (E6886)
NEBNext[®] Library Quant Kit DNA Standard 2 (E6887)
NEBNext[®] Library Quant Kit DNA Standard 3 (E6888)
NEBNext[®] Library Quant Kit DNA Standard 4 (E6889)
NEBNext[®] Library Quant Kit DNA Standard 5 (E6890)
NEBNext[®] Library Quant Kit DNA Standard 6 (E6891)
ROX (High) (E7641)
ROX (Low) (E7638)
Shelf Life: 24 months
Storage Temp: -20°C
Specification Version: PS-E7630S/L v2.0
Effective Date: 30 Aug 2021

Assay Name/Specification (minimum release criteria)

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.

* **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.

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.



Date 30 Aug 2021

Derek Robinson
Director, Quality Control

