

## New England Biolabs Certificate of Analysis

Product Name: NEBNext<sup>®</sup> Quick Ligation<sup>™</sup> Module  
 Catalog Number: E6056S  
 Packaging Lot Number: 10158783  
 Expiration Date: 08/2024  
 Storage Temperature: -20°C  
 Specification Version: PS-E6056S/L v1.0

| NEBNext <sup>®</sup> Quick Ligation <sup>™</sup> Module Component List |  |            |                      |
|--|--|------------|----------------------|
| NEB Part Number  | Component Description  | Lot Number | Individual QC Result |
| E6058AVIAL   | NEBNext <sup>®</sup> Quick Ligation <sup>™</sup> Reaction Buffer | 10158784   | Pass                 |
| E6057AVIAL   | Quick T4 DNA Ligase  | 10158785   | Pass                 |

| Assay Name/Specification  | Lot # 10158783          |
|---|-------------------------|
| <p><b>* Individual Product Component Note</b><br/>           Standard Quality Control Tests are performed for each component included in NEBNext<sup>®</sup> Quick Ligation Module and meet the designated specifications.</p> <p><b>Functional Testing (Library Construction, DNA Modules)</b><br/>           Each set of reagents is functionally validated and compared to a previous lot through construction of DNA libraries. Libraries made from previous and current lots for the recommended input DNA amounts are sequenced together on the same Illumina<sup>®</sup> flow cell and compared across various metrics including library yield, fraction of reads aligning to the reference, GC bias, and insert size.</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.

*Christine Sumner*

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Christine Sumner  
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19 Sep 2022

*Michael Tonello*

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Michael Tonello  
Packaging Quality Control Inspector  
03 Apr 2023