

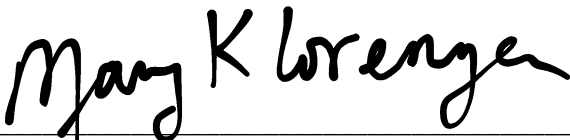
New England Biolabs Certificate of Analysis

Product Name: *Blunt/TA Ligase Master Mix*
 Catalog Number: *M0367L*
 Concentration: *2 X Concentrate*
 Lot Number: *10043566*
 Expiration Date: *01/2021*
 Storage Temperature: *-20°C*
 Specification Version: *PS-M0367S/L v2.0*
 Composition (1X): *Proprietary*

| Blunt/TA Ligase Master Mix Component List | | | |
|---|----------------------------|------------|----------------------|
| NEB Part Number | Component Description | Lot Number | Individual QC Result |
| M0367LVIAL | Blunt/TA Ligase Master Mix | 10030312 | Pass |

| Assay Name/Specification | Lot # 10043566 |
|--|----------------|
| Functional Testing (Ligation and Transformation) LITMUS 28 vector is cut with EcoRV (blunt), treated with calf intestinal phosphatase and gel purified. Blunt inserts from a HaeIII digest of PhiX174 DNA are ligated into the vector at a 3:1 insert:vector ratio using the Blunt/TA Ligase Master Mix protocol. Ligation products are transformed as described. Each lot produces >1 x 10 ⁷ recircularized transformants/μg and >2.5 x 10 ⁶ inserted transformants/μg. | Pass |

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



Mary Lorenzen
Production Scientist
15 Jan 2019



Michael Tonello
Packaging Quality Control Inspector
07 Jun 2019