Product Name: Blunt/TA Ligase Master Mix
Catalog Number: M0367L
Concentration: 2 X Concentrate
Packaging Lot Number: 10115868
Expiration Date: 04/2023
Storage Temperature: -20°C
Specification Version: PS-M0367S/L v2.0
Composition (1X): Proprietary

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<tr>
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<th>Component Description</th>
<th>Lot Number</th>
<th>Individual QC Result</th>
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<td>Blunt/TA Ligase Master Mix</td>
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**Assay Name/Specification**

**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 107 recircularized transformants/µg and >2.5 x 106 inserted transformants/µg.

<table>
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<tr>
<th>Lot # 10115868</th>
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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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Ana Egana
Production Scientist
26 Jul 2021

Josh Hersey
Packaging Quality Control Inspector
26 Jul 2021