

New England Biolabs Certificate of Analysis

Product Name: Gibson Assembly[®] Master Mix
Catalog Number: E2611L
Packaging Lot Number: 10185505
Expiration Date: 11/2023
Storage Temperature: -20°C
Specification Version: PS-E2611S/L v1.0

| Gibson Assembly [®] Master Mix Component List | | | |
|--|---|------------|----------------------|
| NEB Part Number | Component Description | Lot Number | Individual QC Result |
| N2611AVIAL | NEBuilder [®] Positive Control | 10178424 | Pass |
| M5510AAVIAL | Gibson Assembly [®] Master Mix | 10169369 | Pass |

| Assay Name/Specification | Lot # 10185505 |
|---|-------------------------|
| <p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in Gibson Assembly[®] Master Mix and meet the designated specifications.</p> <p>Functional Testing (Gibson Assembly) A 20 µl reaction containing 10 µl of 2X Gibson Assembly Master Mix and six 0.05 pmol fragments of pUC19 (five 400 bp fragments and one 2,780 bp fragment, each with a 40 bp overlap) is incubated at 50°C for 60 minutes. Transformation of NEB 5-alpha competent E. coli cells (NEB #C2987) with 2 µl of the master mix/fragment mixture yields greater than 100 white colonies on an ampicillin plate with IPTG/X-Gal after overnight incubation at 37°C.</p> | <p>Pass</p> <p>Pass</p> |

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

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05 Jul 2023



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05 Jul 2023