

New England Biolabs Certificate of Analysis

Product Name: Gibson Assembly[®] Master Mix
 Catalog Number: E2611L
 Lot Number: 10030518
 Expiration Date: 10/2019
 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 | Gibson Assembly [®] Positive Control | 10021306 | Pass |
| M5510AAVIAL | Gibson Assembly [®] Master Mix | 10021297 | Pass |

| Assay Name/Specification | Lot # 10030518 |
|---|----------------|
| <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> | Pass |
| <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> | Pass |

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

Cathy Shea

Cathy Shea
Production Scientist
27 Sep 2018

Mary Conlon

Mary Conlon
Packaging Quality Control Inspector
04 Jan 2019