

New England Biolabs Certificate of Analysis

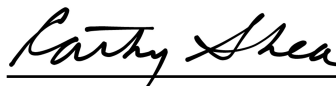
Product Name: Gibson Assembly[®] Master Mix
Catalog #: E2611S/L
Kit Components: Gibson Assembly[®] Master Mix (M5510)
 NEBuilder[®] Positive Control (N2611)

Lot #: 0271802
Assay Date: 02/2018
Expiration Date: 02/2019
Storage Temp: -20°C
Specification Version: PS-E2611S/L v1.0
Effective Date: 13 Feb 2018

Assay Name/Specification (minimum release criteria)	Lot #0271802
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 <i>E. coli</i> 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.	Pass
* Individual Product Component Note - Standard Quality Control Tests are performed for each component included in Gibson Assembly [®] Master Mix and meet the designated specifications.	Pass



Authorized by
Derek Robinson
13 Feb 2018



Inspected by
Cathy Shea
01 Feb 2018

