

New England Biolabs Certificate of Analysis

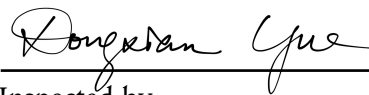
Product Name: HiScribe™ T7 High Yield RNA Synthesis Kit
Catalog #: E2040S
Kit Components: ATP (N0451)
 GTP (N0452)
 UTP (N0453)
 CTP (N0454)
 10X T7 Reaction Buffer (B2041)
 FLuc Control Template (N0426)
 T7 RNA Polymerase Mix (M0255)

Lot #: 0241803
Assay Date: 03/2018
Expiration Date: 09/2019
Storage Temp: -20°C
Specification Version: PS-E2040S v1.0
Effective Date: 18 Apr 2018

Assay Name/Specification (minimum release criteria)	Lot #0241803
Functional Testing (RNA Synthesis, Yield) - A 20 µl reaction in 1X T7 Reaction Buffer in the presence of 40 mM NTPs containing 1 µg FLuc Control Template with 2 µl of the T7 RNA Polymerase Mix incubated for 2 hours at 37°C results in a minimum of 150 µg of a 1.8 kb RNA as determined by OD 260 and agarose gel electrophoresis.	Pass
* Individual Product Component Note - Standard Quality Control Tests are performed for each component included in HiScribe™ T7 High Yield RNA Synthesis Kit and meet the designated specifications.	Pass



Authorized by
Derek Robinson
18 Apr 2018



Inspected by
Dongxian Yue
30 Mar 2018

