

New England Biolabs Certificate of Analysis

Product Name: *HiScribe® T7 Quick High Yield RNA Synthesis Kit*
Catalog Number: *E2050L*
Packaging Lot Number: *10241176*
Expiration Date: *01/2026*
Storage Temperature: *-20°C*
Specification Version: *PS-E2050L v1.0*

HiScribe® T7 Quick High Yield RNA Synthesis Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
N2052AAVIAL	NTP Buffer Mix	10236065	Pass
N0426AVIAL	Fluc Control Template	10235707	Pass
M0303SVIAL	DNase I (RNase-free)	10213692	Pass
M0255LVIAL	T7 RNA Polymerase Mix	10235708	Pass
B2051AAVIAL	LiCl Solution	10235804	Pass
B1222AVIAL	0.1M DTT	10223625	Pass

Assay Name/Specification	Lot # 10241176
<p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in HiScribe® T7 Quick High Yield RNA Synthesis Kit and meet the designated specifications.</p>	Pass
<p>Functional Testing (RNA Synthesis, Yield) A 20 µl reaction 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.</p>	Pass

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 for additional information.



Heidi Church
Production Scientist
14 Feb 2024



Josh Hersey
Packaging Quality Control Inspector
24 Apr 2024