

New England Biolabs Certificate of Analysis

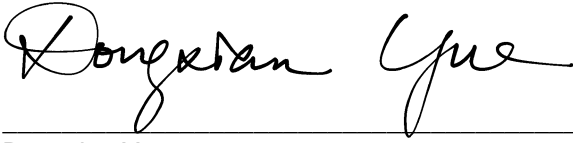
Product Name: *HiScribe® T7 High Yield RNA Syn Kit*
Catalog Number: *E2040L*
Packaging Lot Number: *10261682*
Expiration Date: *06/2026*
Storage Temperature: *-20°C*
Specification Version: *PS-E2040L v1.0*

HiScribe® T7 High Yield RNA Syn Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
N0454AAVIAL	CTP Solution	10254219	Pass
N0453AAVIAL	UTP Solution	10254218	Pass
N0452AAVIAL	GTP Solution	10254217	Pass
N0451AAVIAL	ATP Solution	10254216	Pass
N0426AVIAL	Fluc Control Template	10235707	Pass
M0255LVIAL	T7 RNA Polymerase Mix	10259211	Pass
B2041AAVIAL	10X T7 Reaction Buffer	10236066	Pass
B1222AVIAL	0.1M DTT	10242838	Pass

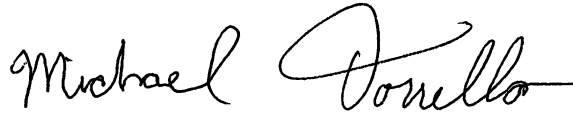
Assay Name/Specification	Lot # 10261682
<p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in HiScribe® T7 High Yield RNA Synthesis Kit and meet the designated specifications.</p>	Pass
<p>Functional Testing (RNA Synthesis, Yield) A 20 µl reaction 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.</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.



Dongxian Yue
Production Scientist
28 May 2024



Michael Tonello
Packaging Quality Control Inspector
01 Oct 2024