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New England Biolabs Certificate of Analysis

Product Name: HiScribe™ T7 High Yield RNA Synthesis Kit

Catalog Number: E2040S
Packaging Lot Number: 10154863
Expiration Date: 11/2023
Storage Temperature: -20°C

Specification Version: PS-E2040S v1.0

HiScribe™ T7 High Yield RNA Synthesis Kit Component List				
NEB Part Number	Component Description	Lot Number	Individual QC Result	
N0454AVIAL	CTP Solution	10137543	Pass	
N0453AVIAL	UTP Solution	10154154	Pass	
N0452AVIAL	GTP Solution	10137541	Pass	
N0451AVIAL	ATP Solution	10137540	Pass	
N0426AVIAL	Fluc Control Template	10145684	Pass	
M0255AVIAL	T7 RNA Polymerase Mix	10151509	Pass	
B2041AVIAL	10X T7 Reaction Buffer	10137538	Pass	

Assay Name/Specification	Lot # 10154863
* Individual Product Component Note	Pass
Standard Quality Control Tests are performed for each component included in	
HiScribe™ T7 High Yield RNA Synthesis Kit and meet the designated specifications.	
Functional Testing (RNA Synthesis, Yield)	Pass
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.	

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.



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Dongxian Yue
Production Scientist

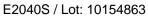
02 Jun 2022

Michael Tonello
Packaging Quality C

Packaging Quality Control Inspector 07 Jun 2022

ISO 9001
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