

New England Biolabs Certificate of Analysis

Product Name: HiScribe™ T7 mRNA Kit with CleanCap® Reagent AG
Catalog Number: E2080S
Packaging Lot Number: 10146347
Expiration Date: 10/2023
Storage Temperature: -20°C
Specification Version: PS-E2080S v1.0

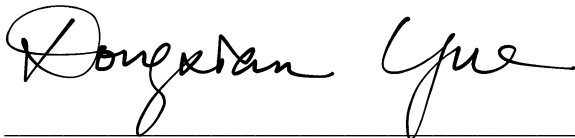
HiScribe™ T7 mRNA Kit with CleanCap® Reagent AG Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
S1413AVIAL	CleanCap® Reagent AG	10138037	Pass
N2078AVIAL	CLuc AG Control Template	10145188	Pass
N0492AVIAL	UTP	10138036	Pass
N0491AVIAL	CTP	10138035	Pass
N0490AVIAL	GTP	10138034	Pass
N0489AVIAL	ATP	10138033	Pass
M0303AAVIAL	DNase I (RNase-free)	10133295	Pass
M0255AAVIAL	T7 RNA Polymerase Mix	10139387	Pass
B2082AVIAL	10X T7 CleanCap® Reagent AG Reaction Buffer	10138038	Pass
B2051AVIAL	LiCl Solution	10131233	Pass

Assay Name/Specification	Lot # 10146347
Functional Testing (RNA Synthesis, Yield) A 20 µl reaction in 1X T7 CleanCap® Reagent AG Reaction Buffer in the presence of 6 mM ATP, 5 mM GTP, 5 mM CTP, 5 mM UTP and 4 mM CleanCap® Reagent AG containing 1 µg CLuc AG Control Template with 2 µl of the T7 RNA Polymerase Mix incubated for 2 hours at 37°C results in a minimum of 90 µg of a 1.76 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 mRNA Kit with CleanCap® Reagent AG and meet the designated	Pass

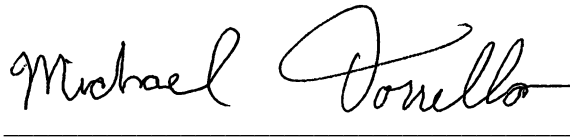
Assay Name/Specification	Lot # 10146347
specifications.	

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
04 Apr 2022



Michael Tonello
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05 Apr 2022