

## New England Biolabs Certificate of Analysis

Product Name: *HiScribe™ T7 mRNA Kit with CleanCap® Reagent AG*  
 Catalog Number: *E2080S*  
 Packaging Lot Number: *10154420*  
 Expiration Date: *11/2023*  
 Storage Temperature: *-20°C*  
 Specification Version: *PS-E2080S v1.0*

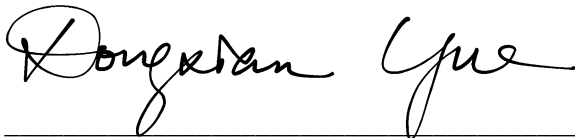
HiScribe™ T7 mRNA Kit with CleanCap® Reagent AG Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
S1413AVIAL	CleanCap® Reagent AG	10154217	Pass
N2078AVIAL	CLuc AG Control Template	10145188	Pass
N0492AVIAL	UTP	10138036	Pass
N0491AVIAL	CTP	10138035	Pass
N0490AVIAL	GTP	10138034	Pass
N0489AVIAL	ATP	10138033	Pass
M0303AAVIAL	DNase I (RNase-free)	10133295	Pass
M0255AAVIAL	T7 RNA Polymerase Mix	10149505	Pass
B2082AVIAL	10X T7 CleanCap® Reagent AG Reaction Buffer	10138038	Pass
B2051AVIAL	LiCl Solution	10131233	Pass

Assay Name/Specification	Lot # 10154420
<p><b>Functional Testing (RNA Synthesis, Yield)</b>            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.</p>	Pass
<p><b>* Individual Product Component Note</b>            Standard Quality Control Tests are performed for each component included in HiScribe™ T7 mRNA Kit with CleanCap® Reagent AG and meet the designated</p>	Pass

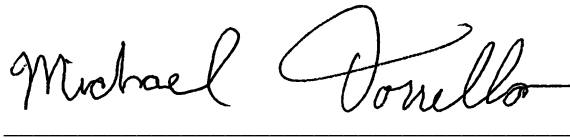
Assay Name/Specification	Lot # 10154420
specifications.	

This product has been tested and shown to be in compliance with all specifications.

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03 Jun 2022



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03 Jun 2022