

New England Biolabs Certificate of Analysis

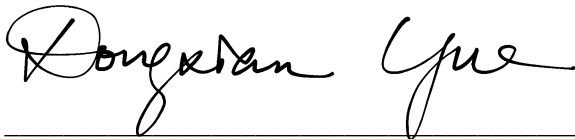
Product Name: *HiScribe® T7 mRNA Kit with CleanCap® Reagent AG*
Catalog Number: *E2080L*
Packaging Lot Number: *10240083*
Expiration Date: *01/2026*
Storage Temperature: *-20°C*
Specification Version: *PS-E2080L v1.0*

HiScribe® T7 mRNA Kit with CleanCap® Reagent AG Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
S1413AAVIAL	CleanCap® Reagent AG	10237061	Pass
N2078AAVIAL	CLuc AG Control Template	10209042	Pass
N0492AAVIAL	UTP	10237060	Pass
N0491AAVIAL	CTP	10237059	Pass
N0490AAVIAL	GTP	10237058	Pass
N0489AAVIAL	ATP	10237057	Pass
M0303AAVIAL	DNase I (RNase-free)	10229500	Pass
M0255AAVIAL	T7 RNA Polymerase Mix	10228792	Pass
B2082AAVIAL	10X T7 CleanCap® Reagent AG Reaction Buffer	10235442	Pass
B2051AAVIAL	LiCl Solution	10210240	Pass
B1222AAVIAL	0.1M DTT	10223625	Pass

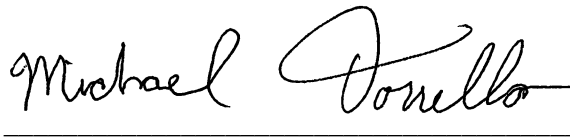
Assay Name/Specification	Lot # 10240083
<p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in HiScribe® T7 mRNA Kit with CleanCap® Reagent AG and meet the designated specifications.</p>	Pass
<p>Functional Testing (RNA Synthesis, Yield) A 20 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.</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
09 Jan 2024



Michael Tonello
Packaging Quality Control Inspector
25 Apr 2024