

New England Biolabs Certificate of Analysis

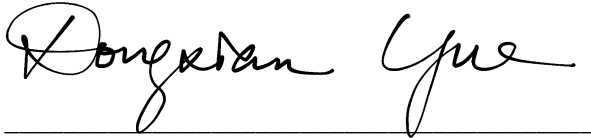
Product Name: *HiScribe® T7 mRNA Kit with CleanCap® Reagent AG*
 Catalog Number: *E2080L*
 Packaging Lot Number: *10259614*
 Expiration Date: *03/2026*
 Storage Temperature: *-20°C*
 Specification Version: *PS-E2080L v1.0*

HiScribe® T7 mRNA Kit with CleanCap® Reagent AG Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
S1413AAVIAL	CleanCap® Reagent AG	10249772	Pass
N2078AAVIAL	CLuc AG Control Template	10256651	Pass
N0492AAVIAL	UTP	10249745	Pass
N0491AAVIAL	CTP	10249744	Pass
N0490AAVIAL	GTP	10249743	Pass
N0489AAVIAL	ATP	10249742	Pass
M0303AAVIAL	DNase I (RNase-free)	10229500	Pass
M0255AAVIAL	T7 RNA Polymerase Mix	10253549	Pass
B2082AAVIAL	10X T7 CleanCap® Reagent AG Reaction Buffer	10250086	Pass
B2051AAVIAL	LiCl Solution	10234277	Pass
B1222AAVIAL	0.1M DTT	10242838	Pass

Assay Name/Specification	Lot # 10259614
<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> <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>	<p>Pass</p> <p>Pass</p>

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

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Dongxian Yue
Production Scientist
25 Mar 2024



Josh Hersey
Packaging Quality Control Inspector
23 Sep 2024