

New England Biolabs Certificate of Analysis

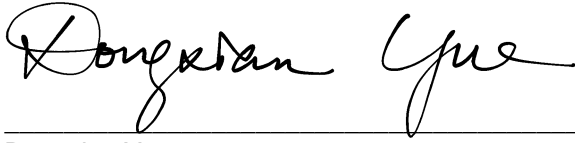
Product Name: *HiScribe® T7 ARCA mRNA Kit*
Catalog Number: *E2065S*
Packaging Lot Number: *10256929*
Expiration Date: *02/2026*
Storage Temperature: *-20°C*
Specification Version: *PS-E2065S v3.0*

HiScribe® T7 ARCA mRNA Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
N2053AVIAL	2X ARCA/NTP Mix	10241033	Pass
N0247AVIAL	CLuc Control Template	10200019	Pass
M0303AAVIAL	DNase I (RNase-free)	10237449	Pass
M0255AAVIAL	T7 RNA Polymerase Mix	10228791	Pass
B2051AVIAL	LiCl Solution	10234277	Pass
B1222AVIAL	0.1M DTT	10242838	Pass

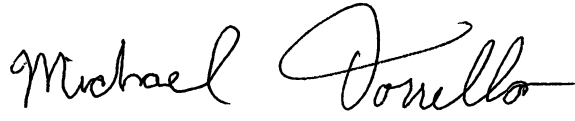
Assay Name/Specification	Lot # 10256929
<p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in HiScribe® T7 ARCA mRNA Kit and meet the designated specifications.</p>	Pass
<p>Functional Testing (RNA Synthesis, Yield) A 20 µl reaction in the presence of 1 X ARCA/NTP Mix containing 1 µg CLuc Control Template with 2 µl of the T7 RNA Polymerase Mix incubated for 30 minutes at 37°C results in a minimum of 15 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
20 Feb 2024



Michael Tonello
Packaging Quality Control Inspector
12 Sep 2024