

## New England Biolabs Certificate of Analysis

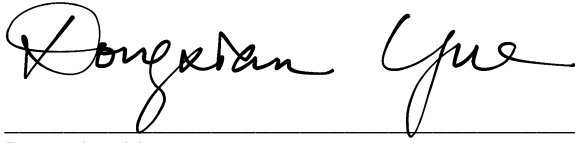
**Product Name:** *HiScribe® T7 ARCA mRNA Kit*  
**Catalog Number:** *E2065S*  
**Packaging Lot Number:** *10241036*  
**Expiration Date:** *11/2025*  
**Storage Temperature:** *-20°C*  
**Specification Version:** *PS-E2065S v3.0*

HiScribe® T7 ARCA mRNA Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
N2053AVIAL	2X ARCA/NTP Mix	10222012	Pass
N0247AVIAL	CLuc Control Template	10200019	Pass
M0303AAVIAL	DNase I (RNase-free)	10215524	Pass
M0255AAVIAL	T7 RNA Polymerase Mix	10228791	Pass
B2051AVIAL	LiCl Solution	10234277	Pass
B1222AVIAL	0.1M DTT	10242838	Pass

Assay Name/Specification	Lot # 10241036
<p><b>* Individual Product Component Note</b> Standard Quality Control Tests are performed for each component included in HiScribe® T7 ARCA mRNA Kit and meet the designated specifications.</p>	Pass
<p><b>Functional Testing (RNA Synthesis, Yield)</b> 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

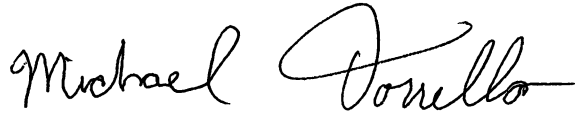
This product has been tested and shown to be in compliance with all specifications.

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27 Oct 2023



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05 Jun 2024