

## New England Biolabs Certificate of Analysis

Product Name: *HiScribe™ T7 ARCA mRNA Kit*  
 Catalog Number: *E2065S*  
 Packaging Lot Number: *10163353*  
 Expiration Date: *11/2023*  
 Storage Temperature: *-20°C*  
 Specification Version: *PS-E2065S v1.0*

HiScribe™ T7 ARCA mRNA Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
N2053AVIAL	2X ARCA/NTP Mix	10149500	Pass
N0247AVIAL	CLuc Control Template	10145440	Pass
M0303AAVIAL	DNase I (RNase-free)	10157679	Pass
M0255AAVIAL	T7 RNA Polymerase Mix	10149505	Pass
B2051AVIAL	LiCl Solution	10157680	Pass

Assay Name/Specification	Lot # 10163353
<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 1.6 kb RNA as determined by OD 260 and agarose gel electrophoresis.	Pass
<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.	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](http://www.neb.com/trademarks) for additional information.

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24 Aug 2022

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16 Sep 2022