

New England Biolabs Certificate of Analysis

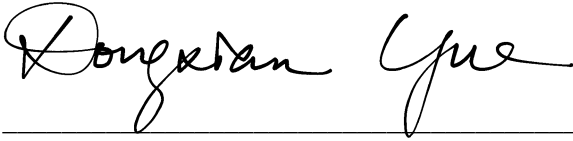
Product Name: *HiScribe® T7 ARCA mRNA Kit*
Catalog Number: *E2065S*
Packaging Lot Number: *10169529*
Expiration Date: *03/2024*
Storage Temperature: *-20°C*
Specification Version: *PS-E2065S v1.0*

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 # 10169529
<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 1.6 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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Production Scientist
25 Oct 2022



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26 Oct 2022