

New England Biolabs Certificate of Analysis

Product Name: *HiScribe[®] SP6 RNA Synthesis Kit*
 Catalog Number: *E2070S*
 Packaging Lot Number: *10218932*
 Expiration Date: *11/2024*
 Storage Temperature: *-20°C*
 Specification Version: *PS-E2070S v3.0*

HiScribe [®] SP6 RNA Synthesis Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
N2074AVIAL	CTP (Tris)	10199400	Pass
N2073AVIAL	UTP (Tris)	10199399	Pass
N2072AVIAL	GTP (Tris)	10199398	Pass
N2071AVIAL	ATP (Tris)	10199397	Pass
N2070AVIAL	SP6 Control Template	10107649	Pass
M2070AVIAL	SP6 RNA Polymerase Mix	10199396	Pass
M0303AVIAL	DNase I (RNase-free)	10195280	Pass
B2070AVIAL	10X SP6 Reaction Buffer	10171538	Pass
B2051AVIAL	LiCl Solution	10210240	Pass
B1222AVIAL	0.1M DTT	10196328	Pass

Assay Name/Specification	Lot # 10218932
<p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in HiScribe[®] SP6 RNA Synthesis Kit and meet the designated specifications.</p>	Pass
<p>Functional Testing (RNA Synthesis, Yield) A 25 µl reaction in SP6 Reaction Buffer in the presence of 20 mM NTPs containing 1 µg SP6 Control Template with 2.5 µl of the SP6 RNA Polymerase Mix incubated for 2 hours at 37°C results in a minimum of 80 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.



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Production Scientist
01 Dec 2023



Michael Tonello
Packaging Quality Control Inspector
01 Dec 2023