

## New England Biolabs Certificate of Analysis

Product Name: *HiScribe™ SP6 RNA Synthesis Kit*  
 Catalog Number: *E2070S*  
 Packaging Lot Number: *10060491*  
 Expiration Date: *06/2021*  
 Storage Temperature: *-20°C*  
 Specification Version: *PS-E2070S v1.0*

HiScribe™ SP6 RNA Synthesis Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
N2074AVIAL	CTP (Tris)	10060497	Pass
N2073AVIAL	UTP (Tris)	10060496	Pass
N2072AVIAL	GTP (Tris)	10060495	Pass
N2071AVIAL	ATP (Tris)	10060494	Pass
N2070AVIAL	SP6 Control Template	10017316	Pass
M2070AVIAL	SP6 RNA Polymerase Mix	10060493	Pass
M0303AVIAL	DNase I (RNase-free)	10048547	Pass
B2070AVIAL	10X SP6 Reaction Buffer	10060492	Pass
B2051AVIAL	LiCl Solution	10035960	Pass

Assay Name/Specification	Lot # 10060491
<b>Functional Testing (RNA Synthesis, Yield)</b> A 25 µl reaction in SP6 Reaction Buffer in the presence of 20 mM NTPs containing 1 µg SP6 Control Template and 2.5 µl of the SP6 RNA Polymerase Mix incubated for 2 hours at 37°C results in ≥ 80 µg of a 1.75 kb RNA as determined by OD 260 and agarose gel electrophoresis.	Pass

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



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Bhairavi Jani  
Production Scientist  
03 Dec 2019



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Michael Tonello  
Packaging Quality Control Inspector  
03 Dec 2019