

## New England Biolabs Certificate of Analysis

Product Name: NEBNext Single Cell/Low Input RNA Library Prep Kit for Illumina  
 Catalog Number: E6420L  
 Packaging Lot Number: 10082823  
 Expiration Date: 03/2021  
 Storage Temperature: -20°C  
 Specification Version: PS-E6420S/L v1.0

NEBNext Single Cell/Low Input RNA Library Prep Kit for Illumina Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E7807AAVIAL	NEBNext® Ultra™ II FS Reaction Buffer	10068866	Pass
E7806AAVIAL	NEBNext® Ultra™ II FS Enzyme Mix	10068865	Pass
E7649AAVIAL	NEBNext® Ultra™ II Q5® Master Mix	10068864	Pass
E7648AAVIAL	NEBNext® Ultra™ II Ligation Master Mix	10068863	Pass
E7374AAVIAL	NEBNext® Ligation Enhancer	10068862	Pass
E6433AAVIAL	Nuclease-free Water	10068861	Pass
E6432AAVIAL	TE Buffer	10068860	Pass
E6431AAVIAL	NEBNext® ADAPTOR DILUTION BUFFER	10068859	Pass
E6430AAVIAL	NEBNext® Bead Reconstitution Buffer	10068858	Pass
E6429AAVIAL	Murine RNase Inhibitor	10068857	Pass
E6428AAVIAL	NEBNext® Cell Lysis Buffer	10068856	Pass
E6427AAVIAL	NEBNext® Single Cell cDNA PCR Primer	10068855	Pass
E6426AAVIAL	NEBNext® Single Cell cDNA PCR Master Mix	10068854	Pass
E6425AAVIAL	NEBNext® Single Cell RT Enzyme Mix	10068853	Pass
E6424AAVIAL	NEBNext® Template Switching Oligo	10068852	Pass
E6423AAVIAL	NEBNext® Single Cell RT Buffer	10068851	Pass
E6422AAVIAL	NEBNext® Single Cell RT Primer Mix	10068850	Pass

Assay Name/Specification	Lot # 10082823
<b>Functional Testing (Library Construction, Single Cell RNA)</b> Each set of reagents is functionally validated and compared to a previous lot through construction of libraries made from single cells and commercially available RNA using the kit's minimum and maximum input requirements. Libraries made from previous and current lots are sequenced together on the same Illumina flow cell and compared across various metrics including library yield, individual transcript abundance, 5'-3' transcript coverage, percent ribosomal RNA, and fraction of reads	Pass

Assay Name/Specification	Lot # 10082823
<p>mapping to a reference.</p> <p><b>* Individual Product Component Note</b> Standard Quality Control Tests are performed for each component included in NEBNext<sup>®</sup> Single Cell/Low Input RNA Library Prep Kit for Illumina<sup>®</sup> and meet the designated specifications.</p>	<p><b>Pass</b></p>

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

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20 Aug 2020




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Josh Hersey  
Packaging Quality Control Inspector  
20 Aug 2020