

## 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: 10131933  
 Expiration Date: 08/2022  
 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	10116883	Pass
E7806AAVIAL	NEBNext® Ultra™ II FS Enzyme Mix	10116882	Pass
E7649AAVIAL	NEBNext® Ultra™ II Q5® Master Mix	10116881	Pass
E7648AAVIAL	NEBNext® Ultra™ II Ligation Master Mix	10116880	Pass
E7374AAVIAL	NEBNext® Ligation Enhancer	10116879	Pass
E6433AAVIAL	Nuclease-free Water	10116878	Pass
E6432AAVIAL	TE Buffer	10116877	Pass
E6431AAVIAL	NEBNext® ADAPTOR DILUTION BUFFER	10116876	Pass
E6430AAVIAL	NEBNext® Bead Reconstitution Buffer	10116875	Pass
E6429AAVIAL	Murine RNase Inhibitor	10116874	Pass
E6428AAVIAL	NEBNext® Cell Lysis Buffer	10116873	Pass
E6427AAVIAL	NEBNext® Single Cell cDNA PCR Primer	10116872	Pass
E6426AAVIAL	NEBNext® Single Cell cDNA PCR Master Mix	10116871	Pass
E6425AAVIAL	NEBNext® Single Cell RT Enzyme Mix	10116870	Pass
E6424AAVIAL	NEBNext® Template Switching Oligo	10116869	Pass
E6423AAVIAL	NEBNext® Single Cell RT Buffer	10116868	Pass
E6422AAVIAL	NEBNext® Single Cell RT Primer Mix	10116867	Pass

Assay Name/Specification	Lot # 10131933
<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 # 10131933
<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® Single Cell/Low Input RNA Library Prep Kit for Illumina® 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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01 Dec 2021




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Michael Tonello  
Packaging Quality Control Inspector  
01 Dec 2021