

New England Biolabs Certificate of Analysis

Product Name: *NEBNext Single Cel+C1:C267I/Low Input RNA Library Prep Kit for Illumina*
 Catalog Number: *E6420L*
 Lot Number: *10037379*
 Expiration Date: *10/2019*
 Storage Temperature: *-20°C*
 Specification Version: *PS-E6420S/L v1.0*

NEBNext Single Cel+C1:C267I/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	10024862	Pass
E7806AAVIAL	NEBNext® Ultra™ II FS Enzyme Mix	10024861	Pass
E7649AAVIAL	NEBNext® Ultra™ II Q5® Master Mix	10024860	Pass
E7648AAVIAL	NEBNext® Ultra™ II Ligation Master Mix	10024859	Pass
E7374AAVIAL	NEBNext® Ligation Enhancer	10024858	Pass
E6433AAVIAL	Nuclease Free Water	10024857	Pass
E6432AAVIAL	TE Buffer	10024856	Pass
E6431AAVIAL	NEBNEXT® ADAPTOR DILUTION BUFFER	10024855	Pass
E6430AAVIAL	NEBNext® Bead Reconstitution Buffer	10024854	Pass
E6429AAVIAL	Murine RNase Inhibitor	10024853	Pass
E6428AAVIAL	NEBNext® Cell Lysis Buffer	10024852	Pass
E6427AAVIAL	NEBNext® Single Cell cDNA PCR Primer	10024851	Pass
E6426AAVIAL	NEBNext® Single Cell cDNA PCR Master Mix	10024850	Pass
E6425AAVIAL	NEBNext® Single Cell RT Enzyme Mix	10024849	Pass
E6424AAVIAL	NEBNext® Template Switching Oligo	10024848	Pass
E6423AAVIAL	NEBNext® Single Cell RT Buffer	10024847	Pass
E6422AAVIAL	NEBNext® Single Cell RT Primer Mix	10024846	Pass

Assay Name/Specification	Lot # 10037379
Functional Testing (Library Construction, Single Cell RNA) 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	Pass

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<p>abundance, 5'-3' transcript coverage, percent ribosomal RNA, and fraction of reads mapping to a reference.</p> <p>* Individual Product Component Note 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>Pass</p>

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



Christine Sumner
Production Scientist
20 Feb 2019



Michael Tonello
Packaging Quality Control Inspector
20 Feb 2019