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## New England Biolabs Certificate of Analysis

Product Name: NEBNext Single Cell/Low Input cDNA Synthesis and Amplification

Module

Catalog Number: E6421L
Packaging Lot Number: 10206559
Expiration Date: 07/2024
Storage Temperature: -20°C

Specification Version: PS-E6421S/L v1.0

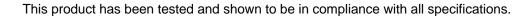
NEBNext Single Cell/Low Input cDNA Synthesis and Amplification Module Component List				
NEB Part Number	Component Description	Lot Number	Individual QC Result	
E6433AAVIAL	Nuclease-free Water	10193547	Pass	
E6432AAVIAL	TE Buffer	10193545	Pass	
E6430AAVIAL	NEBNext® Bead Reconstitution Buffer	10193543	Pass	
E6429AAVIAL	Murine RNase Inhibitor	10193541	Pass	
E6428AAVIAL	NEBNext® Cell Lysis Buffer	10193539	Pass	
E6427AAVIAL	NEBNext® Single Cell cDNA PCR Primer	10193537	Pass	
E6426AAVIAL	NEBNext® Single Cell cDNA PCR Master Mix	10193534	Pass	
E6425AAVIAL	NEBNext® Single Cell RT Enzyme Mix	10193531	Pass	
E6424AAVIAL	NEBNext® Template Switching Oligo	10193528	Pass	
E6423AAVIAL	NEBNext® Single Cell RT Buffer	10193525	Pass	
E6422AAVIAL	NEBNext® Single Cell RT Primer Mix	10205048	Pass	

Assay Name/Specification	Lot # 10206559
* Individual Product Component Note Standard Quality Control Tests are performed for each component included in NEBNext® Single Cell/Low Input cDNA Synthesis & Amplification Module and meet the designated specifications.	Pass
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 abundance, 5'-3' transcript coverage, percent ribosomal RNA, and fraction of reads mapping to a reference.	Pass



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Christine Sumner Production Scientist 24 Aug 2023

Michael Tonello

Packaging Quality Control Inspector

24 Aug 2023