

New England Biolabs Certificate of Analysis

Product Name: NEBNext[®] ChIP-Seq Library Prep Master Mix Set for Illumina[®]
 Catalog Number: E6240S
 Lot Number: 10048602
 Expiration Date: 10/2020
 Storage Temperature: -20°C
 Specification Version: PS-E6240S/L v1.0

NEBNext [®] ChIP-Seq Library Prep Master Mix Set for Illumina [®] Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
E6630AVIAL	NEBNext [®] Q5 [®] Hot Start HiFi PCR Master Mix	10041968	Pass
E6243AVIAL	NEBNext [®] Quick Ligation [™] Reaction Buffer	10041964	Pass
E6242AVIAL	NEBNext [®] End Repair Reaction Buffer	10041967	Pass
E6241AVIAL	NEBNext [®] End Repair Enzyme Mix	10041962	Pass
E6209AVIAL	Quick T4 DNA Ligase	10041963	Pass
E6207AVIAL	Klenow Fragment (3'→5' exo-)	10041965	Pass
E6045AVIAL	NEBNext [®] dA-Tailing Reaction Buffer	10041966	Pass

Assay Name/Specification	Lot # 10048602
<p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in NEBNext[®] ChIP-Seq Library Prep Master Mix Set for Illumina[®] and meet the designated specifications.</p>	Pass
<p>Functional Testing (Library Construction, ChIP DNA) Each set of reagents is functionally validated and compared to a previous lot through construction of libraries made from ChIP and genomic DNA, using the kit's 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, fraction of reads aligning to the reference, GC bias, and insert size.</p>	Pass

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

Christine Sumner

Christine Sumner
Production Scientist
24 Jun 2019

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
24 Jun 2019