

New England Biolabs Certificate of Analysis

Product Name: NEBNext[®] ChIP-Seq Library Prep Master Mix Set for Illumina[®]
 Catalog Number: E6240S
 Lot Number: 10022087
 Expiration Date: 01/2020
 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	10022094	Pass
E6243AVIAL	NEBNext [®] Quick Ligation [™] Reaction Buffer	10022090	Pass
E6242AVIAL	NEBNext [®] End Repair Reaction Buffer	10022093	Pass
E6241AVIAL	NEBNext [®] End Repair Enzyme Mix	10022088	Pass
E6209AVIAL	Quick T4 DNA Ligase	10022089	Pass
E6207AVIAL	Klenow Fragment (3'→5' exo-)	10022091	Pass
E6045AVIAL	NEBNext [®] dA-Tailing Reaction Buffer	10022092	Pass

Assay Name/Specification	Lot # 10022087
<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
<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

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

Christine Sumner

Christine Sumner
Production Scientist
03 May 2019

Josh Hersey

Josh Hersey
Packaging Quality Control Inspector
03 May 2019