

New England Biolabs Product Specification

Product Name: NEBNext[®] Single Cell Lysis Module
Catalog #: E5530S
Kit Components: RNase Inhibitor, Murine (E6429)
NEBNext[®] Cell Lysis Buffer (E6428)

Shelf Life: 18 months
Storage Temp: -20°C
Specification Version: PS-E5530S v1.0
Effective Date: 06 Nov 2018

Assay Name/Specification (minimum release criteria)

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.

* **Individual Product Component Note** - Standard Quality Control Tests are performed for each component included in NEBNext[®] Single Cell Lysis Module and meet the designated specifications.



Date 06 Nov 2018

Derek Robinson
Director of Quality Control

