

## New England Biolabs Product Specification

*Product Name:* Magnetic mRNA Isolation Kit  
*Catalog #:* S1550S  
*Kit Components:* Oligo d(T)<sub>25</sub> Magnetic Beads (S1419)  
Lysis/Binding Buffer (B1556)  
Wash Buffer I (B1558)  
Wash Buffer II (B1559)  
Low Salt Buffer (B1557)  
Elution Buffer (B1561)  
*Shelf Life:* 36 months  
*Storage Temp:* 4°C  
*Specification Version:* PS-S1550S v3.0  
*Effective Date:* 01 Dec 2021

### Assay Name/Specification (minimum release criteria)

**Functional Testing (mRNA Isolation)** - Oligo d(T)<sub>25</sub> Magnetic Beads were equilibrated and incubated with freshly prepared eukaryotic cell lysate for direct mRNA isolation. The beads were washed and the mRNA eluted. The eluate was evaluated on an Agilent Bioanalyzer and the enriched poly(A)<sup>+</sup> RNA contains ≤15% rRNA.

\* **Individual Product Component Note** - Standard Quality Control Tests are performed for each component included in Magnetic mRNA Isolation Kit and meet the designated specifications.

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Date 01 Dec 2021

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