

New England Biolabs Certificate of Analysis

Product Name: Monarch RNA Cleanup Kit (500 µg)
Catalog Number: T2050S
Lot Number: 10041693
Expiration Date: 01/2021
Storage Temperature: 25°C
Specification Version: PS-T2050S/L v1.0

| Assay Name/Specification | Lot # 10041693 |
|--|----------------|
| <p>Functional Testing (Enzyme Inactivation and Removal) Eight Monarch® RNA Cleanup Columns (T2057, 500 µg) are tested with 50 µg of rRNA and 2 units of DNase I. A 50 µl reaction in DNase I Reaction Buffer with 1 µg of pBR322 and 50% of the column eluate incubated for 10 minutes at 37°C results in >99.95% removal of DNase I activity in ≥75% of the samples.</p> | Pass |
| <p>Functional Testing (RNA Recovery and Purity) Twenty-four Monarch® RNA Cleanup Columns (T2057, 500 µg) are tested with 50 µg of rRNA resulting in ≥75% recovery in ≥80% of the samples. OD 260/280 and 260/230 are ≥1.75 in ≥80% of the samples.</p> | Pass |
| <p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in Monarch® RNA Cleanup Kit (500 µg) and meet the designated specifications.</p> | Pass |

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



Ana Egana
 Production Scientist
 08 Oct 2019



Heidi Church
 Packaging Quality Control Inspector
 08 Oct 2019