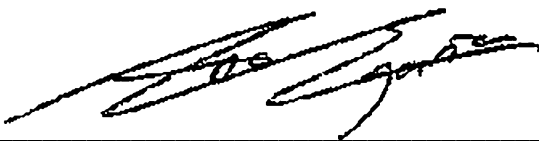


New England Biolabs Certificate of Analysis

Product Name: Monarch RNA Cleanup Kit (50 µg)
 Catalog Number: T2040S
 Lot Number: 10041691
 Expiration Date: 01/2021
 Storage Temperature: 25°C
 Specification Version: PS-T2040S/L v1.0

Assay Name/Specification	Lot # 10041691
<p>Functional Testing (Enzyme Inactivation and Removal) Eight Monarch® RNA Cleanup Columns (T2047, 50 µg) are tested with 5 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 (T2047, 50 µg) are tested with 5 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 (50 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