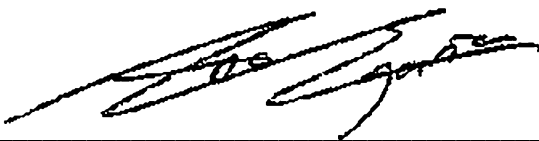


New England Biolabs Certificate of Analysis

Product Name: Monarch™ RNA Cleanup Kit (500ug) Large
Catalog Number: T2050L
Lot Number: 0011806
Expiration Date: 00/0000
Storage Temperature: 25°C
Specification Version: PS-T2050S/L v1.0

Assay Name/Specification	Lot # 0011806
<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
 20 Jul 2018



Heidi Church
 Packaging Quality Control Inspector
 20 Jul 2018