

New England Biolabs Certificate of Analysis

Product Name: Monarch® Spin RNA Cleanup Kit (50 µg)
Catalog Number: T2040L
Packaging Lot Number: 10264022
Expiration Date: 08/2026
Storage Temperature: 25°C
Specification Version: PS-T2040S/L v4.0

Monarch® Spin RNA Cleanup Kit (50 µg) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
T2118-1	Monarch® Spin Collection Tubes	10245009	Pass
T2047-1	Monarch® Spin Columns S2A	10254548	Pass
T2042-2	Monarch® Buffer WX	10255223	Pass
T2041-2	Monarch® Buffer BX	10255195	Pass
B1500-2	Nuclease-free Water	10255193	Pass

Assay Name/Specification	Lot # 10264022
<p>* Individual Product Component Note Standard Quality Control Tests are performed for each component included in Monarch® Spin RNA Cleanup Kit (50 µg) and meet the designated specifications.</p>	Pass
<p>Functional Testing (Enzyme Inactivation and Removal) Eight Monarch® Spin Columns S2A are tested with 5 µg of RNA 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® Spin Columns S2A are tested with 5 µg of RNA 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

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

One or more products referenced in this document may be covered by a 3rd-party trademark. Please visit www.neb.com/trademarks for additional information.



Darcie Spaulding
Production Scientist
24 Sep 2024



Julie Gaumont
Packaging Quality Control Inspector
24 Oct 2024