

New England Biolabs Certificate of Analysis

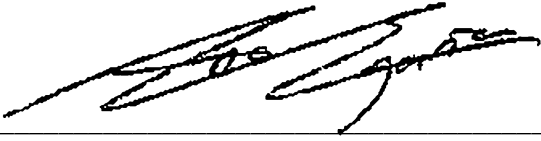
Product Name: Monarch[®] RNA Cleanup Kit (10 µg)
Catalog Number: T2030L
Packaging Lot Number: 10143529
Expiration Date: 07/2023
Storage Temperature: 25°C
Specification Version: PS-T2030S/L v3.0

Monarch [®] RNA Cleanup Kit (10 µg) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
T2042-2	Monarch [®] RNA Cleanup Wash Buffer	10109342	Pass
T2041-2	Monarch [®] RNA Cleanup Binding Buffer	10109341	Pass
T2037-1	RNA Cleanup 50 Columns (10 µg)	10108845	Pass
T2018-1	Monarch [®] Collection Tubes II	10086488	Pass
B1500-2	Nuclease-free Water	10143456	Pass

Assay Name/Specification	Lot # 10143529
Functional Testing (Enzyme Inactivation and Removal) Eight Monarch [®] RNA Cleanup Columns (T2037, 10 µg) are tested with 1 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.	Pass
Functional Testing (RNA Recovery and Purity) Twenty-four Monarch [®] RNA Cleanup Columns (T2037, 10 µg) are tested with 1 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.	Pass
* Individual Product Component Note Standard Quality Control Tests are performed for each component included in Monarch [®] RNA Cleanup Kit (10 µg) and meet the designated specifications.	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.



Ana Egana
Production Scientist
08 Mar 2022



Michael Burzyk
Packaging Quality Control Inspector
08 Mar 2022