

New England Biolabs Certificate of Analysis

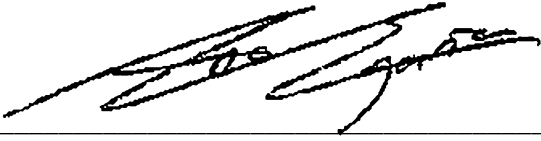
Product Name: Monarch® RNA Cleanup Kit (10 µg)
Catalog Number: T2030S
Packaging Lot Number: 10144710
Expiration Date: 12/2023
Storage Temperature: 25°C
Specification Version: PS-T2030S/L v3.0

Monarch® RNA Cleanup Kit (10 µg) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
T2042-21	Monarch® RNA Cleanup Wash Buffer	10144952	Pass
T2041-21	Monarch® RNA Cleanup Binding Buffer	10144940	Pass
T2037-21	RNA Cleanup 10 Columns (10 µg)	10137046	Pass
T2018-21	Monarch® Collection Tubes II	10041732	Pass
B1500-21	Nuclease-free Water	10144950	Pass

Assay Name/Specification	Lot # 10144710
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
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
* 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.



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08 Aug 2022



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08 Aug 2022