

New England Biolabs Certificate of Analysis

Product Name: Monarch RNA Cleanup Kit (10 µg)
Catalog Number: T2030S
Packaging Lot Number: 10099682
Expiration Date: 10/2022
Storage Temperature: 25°C
Specification Version: PS-T2030S/L v2.0

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	10099724	Pass
T2041-21	Monarch RNA Cleanup Binding Buffer	10099717	Pass
T2037-21	RNA Cleanup 10 Columns (10 µg), ICr	10086477	Pass
T2018-21	Monarch® Collection Tubes II (10)	10041732	Pass
B1500-21	Nuclease-free Water	10099710	Pass

Assay Name/Specification	Lot # 10099682
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.



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03 May 2021



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03 May 2021