

New England Biolabs Certificate of Analysis

Product Name: *Monarch[®] PCR & DNA Cleanup Kit (5 µg)*
 Catalog Number: *T1030L*
 Packaging Lot Number: *10135039*
 Expiration Date: *05/2024*
 Storage Temperature: *25°C*
 Specification Version: *PS-T1030S/L v2.0*

Monarch [®] PCR & DNA Cleanup Kit (5 µg) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
T1034-2	Monarch [®] DNA Cleanup Columns (5 µg)	10145770	Pass
T1032-3	Monarch [®] DNA Wash Buffer	10145868	Pass
T1031-3	Monarch [®] DNA Cleanup Binding Buffer	10145865	Pass
T1018-2	Monarch [®] Collection Tubes (2 ml)	10145753	Pass
T1016-2	Monarch [®] DNA Elution Buffer	10145853	Pass

Assay Name/Specification	Lot # 10135039
Functional Testing (DNA Recovery and Purity) Twenty-four Monarch [®] DNA Cleanup Columns are tested with 1 µg of 1 Kb Ladder 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 (Fragment Purification and Restriction Digestion) A linear pLA3 fragment is added to 8 Monarch [®] DNA Cleanup Columns, eluted and digested with DraIII-HF [®] resulting in ≥90% conversion to two-fragment pattern observed by gel electrophoresis in ≥75% of the samples.	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.



Michael Burzyk
Production Scientist
20 Jul 2022



Michael Burzyk
Packaging Quality Control Inspector
04 Oct 2022