

New England Biolabs Certificate of Analysis

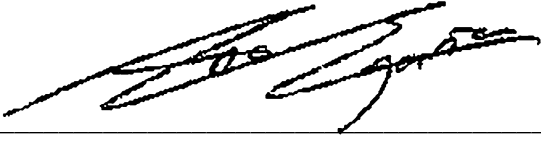
Product Name: *Monarch[®] PCR & DNA Cleanup Kit (5 µg)*
 Catalog Number: *T1030G*
 Packaging Lot Number: *10126765*
 Expiration Date: *09/2023*
 Storage Temperature: *25°C*
 Specification Version: *PS-T1030G v2.0*

| Monarch [®] PCR & DNA Cleanup Kit (5 µg) Component List | | | |
|--|---|------------|----------------------|
| NEB Part Number | Component Description | Lot Number | Individual QC Result |
| T1034-21 | Monarch [®] DNA Cleanup Columns (5 µg) | 10126966 | Pass |
| T1032-21 | Monarch [®] DNA Wash Buffer | 10128448 | Pass |
| T1031-21 | Monarch [®] DNA Cleanup Binding Buffer | 10128439 | Pass |
| T1018-21 | Monarch [®] Collection Tubes (2 ml) | 10126951 | Pass |
| T1016-21 | Monarch [®] DNA Elution Buffer | 10128401 | Pass |

| Assay Name/Specification | Lot # 10126765 |
|--|----------------|
| 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 |
| 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 |

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
22 Feb 2022



Michael Burzyk
Packaging Quality Control Inspector
22 Feb 2022