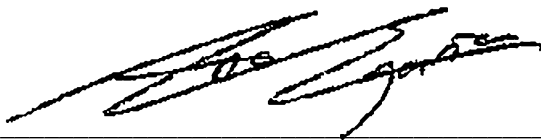


New England Biolabs Certificate of Analysis

Product Name: *Monarch PCR & DNA Cleanup Kit (5 µg)*
 Catalog Number: *T1030S*
 Packaging Lot Number: *10040568*
 Expiration Date: *09/2021*
 Storage Temperature: *25°C*
 Specification Version: *PS-T1030S/L v2.0*

| Assay Name/Specification | Lot # 10040568 |
|--|----------------|
| 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.



Ana Egana
Production Scientist
30 Dec 2019



Heidi Church
Packaging Quality Control Inspector
30 Dec 2019