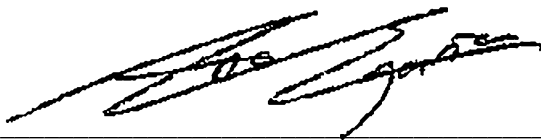


New England Biolabs Certificate of Analysis

Product Name: Monarch[®] DNA Gel Extraction Kit
 Catalog Number: T1020L
 Lot Number: 0091808
 Expiration Date: 10/2019
 Storage Temperature: 25°C
 Specification Version: PS-T1020S/L v1.0

| Assay Name/Specification | Lot # 0091808 |
|---|---------------|
| 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 (Gel Purification and Ligation) A linear pLA3 fragment is gel purified and added to 8 Monarch [®] DNA Cleanup Columns, eluted and ligated with Blunt/TA Ligase Master Mix resulting in ≥90% conversion to a multiband 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
20 Jul 2018



Heidi Church
Packaging Quality Control Inspector
20 Jul 2018