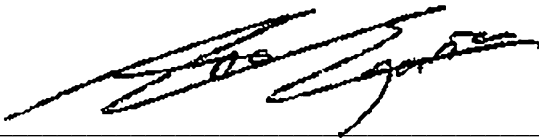


New England Biolabs Certificate of Analysis

Product Name: *Monarch DNA Gel Extraction Kit*
 Catalog Number: *T1020L*
 Lot Number: *10029808*
 Expiration Date: *06/2021*
 Storage Temperature: *25°C*
 Specification Version: *PS-T1020S/L v2.0*

Assay Name/Specification	Lot # 10029808
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 $\geq 90\%$ conversion to a multiband pattern observed by gel electrophoresis in $\geq 75\%$ 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 $\geq 75\%$ recovery in $\geq 80\%$ of the samples. OD 260/280 and 260/230 are ≥ 1.75 in $\geq 80\%$ of the samples.	Pass

This product has been tested and shown to be in compliance with all specifications.



Ana Egana
Production Scientist
19 Jul 2019



Heidi Church
Packaging Quality Control Inspector
19 Jul 2019