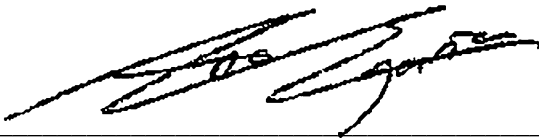


New England Biolabs Certificate of Analysis

Product Name: Monarch[®] DNA Gel Extraction Kit
 Catalog Number: T1020G
 Lot Number: 0091808
 Expiration Date: 02/2020
 Storage Temperature: 25°C
 Specification Version: PS-T1020G v1.0

Assay Name/Specification	Lot # 0091808
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
30 Jul 2018



Heidi Church
Packaging Quality Control Inspector
30 Jul 2018