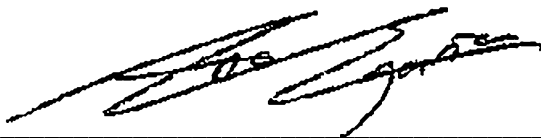


New England Biolabs Certificate of Analysis

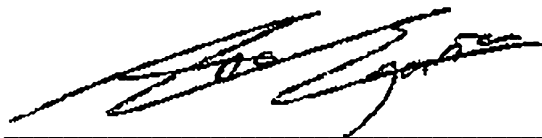
Product Name: *Monarch DNA Gel Extraction Kit*
Catalog Number: *T1020L*
Lot Number: *10020895*
Expiration Date: *01/2021*
Storage Temperature: *25°C*
Specification Version: *PS-T1020S/L v1.0*

Assay Name/Specification	Lot # 10020895
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
 12 Feb 2019



Ana Egana
 Packaging Quality Control Inspector
 12 Feb 2019