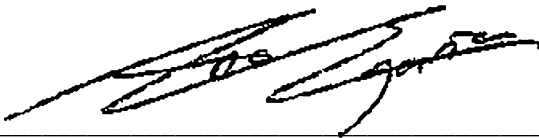


## New England Biolabs Certificate of Analysis

Product Name: *Monarch DNA Gel Extraction Kit*  
 Catalog Number: *T1020G*  
 Lot Number: *10029810*  
 Expiration Date: *00/0000*  
 Storage Temperature: *25°C*  
 Specification Version: *PS-T1020G v2.0*

Assay Name/Specification	Lot # 10029810
<b>Functional Testing (DNA Recovery and Purity)</b> 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.	<b>Pass</b>
<b>Functional Testing (Gel Purification and Ligation)</b> 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.	<b>Pass</b>

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