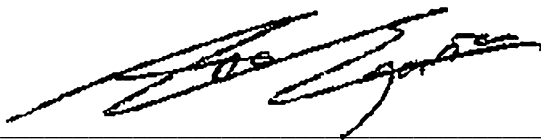


## New England Biolabs Certificate of Analysis

**Product Name:** *Monarch DNA Gel Extraction Kit*  
**Catalog Number:** *T1020G*  
**Packaging Lot Number:** *10040573*  
**Expiration Date:** *00/0000*  
**Storage Temperature:** *25°C*  
**Specification Version:** *PS-T1020G v2.0*

Assay Name/Specification	Lot # 10040573
<p><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.</p>	<b>Pass</b>
<p><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.</p>	<b>Pass</b>

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



Ana Egana  
 Production Scientist  
 24 Jan 2020



Heidi Church  
 Packaging Quality Control Inspector  
 24 Jan 2020