


New England Biolabs Certificate of Analysis


Product Name: Monarch[®] DNA Gel Extraction Kit
Catalog #: T1020G
Kit Components: Monarch[®] DNA Elution Buffer (T1016)
 Monarch[®] Gel Dissolving Buffer (T1021)
 Monarch[®] DNA Wash Buffer (T1032)
 Monarch[®] DNA Cleanup Columns (5 µg) (T1034)
 Monarch[®] Collection Tubes (2 ml) (T1018)

Lot #: 0031604
Assay Date: 04/2016
Expiration Date: 10/2017
Storage Temp: 25°C
Specification Version: PS-T1020G v1.0
Effective Date: 14 Mar 2018

Assay Name/Specification (minimum release criteria)	Lot #0031604
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



 Authorized by
 Melanie DiBiasio
 14 Mar 2018



 Inspected by
 Ana Egana
 13 Apr 2016

