

New England Biolabs Certificate of Analysis

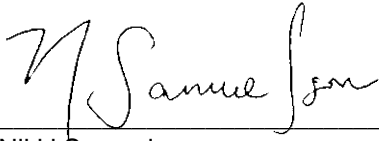
Product Name: *Monarch[®] DNA Gel Extraction Kit*
Catalog Number: *T1020G*
Packaging Lot Number: *10208649*
Expiration Date: *10/2025*
Storage Temperature: *25°C*
Specification Version: *PS-T1020G v2.0*

Monarch [®] DNA Gel Extraction Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
T1034-21	Monarch [®] DNA Cleanup Columns (5 µg)	10208181	Pass
T1032-21	Monarch [®] DNA Wash Buffer	10208176	Pass
T1021-21	Monarch [®] Gel Dissolving Buffer	10208167	Pass
T1018-21	Monarch [®] Collection Tubes (2 ml)	10208164	Pass
T1016-21	Monarch [®] DNA Elution Buffer	10208158	Pass

Assay Name/Specification	Lot # 10208649
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.

One or more products referenced in this document may be covered by a 3rd-party trademark. Please visit www.neb.com/trademarks for additional information.



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14 Dec 2023



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07 Feb 2024