

New England Biolabs Certificate of Analysis

Product Name: *Monarch® Spin DNA Gel Extraction Kit*
Catalog Number: *T1120L*
Packaging Lot Number: *10258288*
Expiration Date: *10/2026*
Storage Temperature: *25°C*
Specification Version: *PS-T1120S/L/G v1.0*

Monarch® Spin DNA Gel Extraction Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
T2118-1	Monarch® Spin Collection Tubes	10245009	Pass
T2037-1	Monarch® Spin Columns S1A	10257770	Pass
T1121-2	Monarch® Buffer BY	10257597	Pass
T1116-1	Monarch® Buffer EY	10257593	Pass
T1115-3	Monarch® Buffer WZ	10257592	Pass

Assay Name/Specification	Lot # 10258288
Functional Testing (DNA Recovery and Purity) Twenty-four Monarch® Spin Columns S1A are tested with 1 µg of 1 kb DNA 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® Spin Columns S1A, 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.



Darcie Spaulding
Production Scientist
08 Nov 2024



Julie Gaumont
Packaging Quality Control Inspector
12 Feb 2025