

New England Biolabs Certificate of Analysis

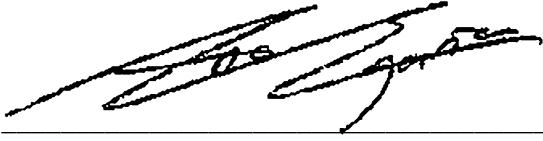
Product Name: *Monarch® Spin DNA Gel Extraction Kit*
Catalog Number: *T1120G*
Packaging Lot Number: *10246216*
Expiration Date: *06/2026*
Storage Temperature: *25°C*
Specification Version: *PS-T1120S/L/G v1.0*

Monarch® Spin DNA Gel Extraction Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
T2118-21	Monarch® Spin Collection Tubes	10246211	Pass
T2037-21	Monarch® Spin Columns S1A	10246209	Pass
T1121-21	Monarch® Buffer BY	10246120	Pass
T1116-21	Monarch® Buffer EY	10246117	Pass
T1115-21	Monarch® Buffer WZ	10246114	Pass

Assay Name/Specification	Lot # 10246216
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.

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08 Aug 2024



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