

New England Biolabs Product Specification

Product Name: Monarch[®] Spin PCR & DNA Cleanup Kit (5 µg)

Catalog #: T1130S/L

Kit Components: Monarch[®] Spin Columns S1A (T2037)
Monarch[®] Spin Collection Tubes (T2118)
Monarch[®] Buffer BZ (T1114)
Monarch[®] Buffer WZ (T1115)
Monarch[®] Buffer EY (T1116)

Shelf Life: 24 months

Storage Temp: 25°C

Specification Version: PS-T1130S/L v1.0

Effective Date: 12 Jun 2024

Assay Name/Specification (minimum release criteria)
<p>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.</p> <p>Functional Testing (Fragment Purification and Restriction Digestion) - A linear pLA3 fragment is added to 8 Monarch[®] Spin Columns S1A, eluted and digested with DraIII-HF[®] resulting in ≥90% conversion to two-fragment pattern observed by gel electrophoresis in ≥75% of the samples.</p>

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Date 12 Jun 2024

Lauren Brown
Quality Approver

