

New England Biolabs Product Specification

Product Name: Monarch[®] Spin Plasmid Miniprep Kit
Catalog #: T1110S/L/G
Kit Components: Monarch[®] Spin Columns S2D (T1117)
Monarch[®] Spin Collection Tubes (T2118)
Monarch[®] Buffer B1 (T1111)
Monarch[®] Buffer B2 (T1112)
Monarch[®] Buffer B3 (T1113)
Monarch[®] Buffer BZ (T1114)
Monarch[®] Buffer WZ (T1115)
Monarch[®] Buffer EY (T1116)
Monarch[®] RNase A (T3018)

Shelf Life: 24 months
Storage Temp: 25°C
Specification Version: PS-T1110S/L/G v1.0
Effective Date: 25 Apr 2024

Assay Name/Specification (minimum release criteria)

Functional Testing (DNA Recovery and Purity) - Twenty-four Monarch[®] Spin Columns S2D are tested with 2 µg of Lambda DNA-BstEII Digest resulting in ≥75% recovery in ≥80% of the samples. OD 260/280 and 260/230 are ≥1.75 in ≥80% of the samples.

Functional Testing (Plasmid Purification and Restriction Digestion) - pUC19 plasmid is purified from 8 NEB10-Beta samples using the Monarch[®] Spin Plasmid Miniprep Kit and digested with XmnI resulting in ≥90% conversion to a linearized fragment and no visible gDNA or RNA observed by gel electrophoresis in ≥75% of the samples.

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Date 25 Apr 2024

Lauren Brown
Quality Approver

