

New England Biolabs Certificate of Analysis


Product Name: Monarch® Plasmid Miniprep Kit
Catalog Number: T1010S
Packaging Lot Number: 10175883
Expiration Date: 05/2025
Storage Temperature: 25°C
Specification Version: PS-T1010S/L v2.0

Monarch® Plasmid Miniprep Kit Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
T1017-2	Monarch® Plasmid Miniprep Columns	10199294	Pass
T1016-2	Monarch® DNA Elution Buffer	10182025	Pass
T1015-2	Monarch® Plasmid Wash Buffer 2	10175626	Pass
T1014-2	Monarch® Plasmid Wash Buffer 1	10175621	Pass
T1013-2	Monarch® Plasmid Neutralization Buffer (B3)	10175610	Pass
T1012-2	Monarch® Plasmid Lysis Buffer (B2)	10175602	Pass
T1011-2	Monarch® Plasmid Resuspension Buffer (B1)	10175596	Pass

Assay Name/Specification	Lot # 10175883
Functional Testing (DNA Recovery and Purity) Twenty-four Monarch® Plasmid Miniprep Columns are tested with 1.5 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 (Plasmid Purification and Restriction Digestion) pUC19 plasmid is purified from 8 NEB10-Beta samples using the Monarch® 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.	Pass

This product has been tested and shown to be in compliance with all specifications.

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Nikki Samuelson
Production Scientist
17 Aug 2023



Julie Gaumont
Packaging Quality Control Inspector
22 Aug 2023