

New England Biolabs Certificate of Analysis

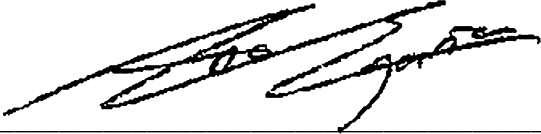
Product Name: *Monarch® Plasmid Miniprep Kit*
Catalog Number: *T1010L*
Packaging Lot Number: *10132561*
Expiration Date: *05/2024*
Storage Temperature: *25°C*
Specification Version: *PS-T1010S/L v2.0*

| Monarch® Plasmid Miniprep Kit Component List | | | |
|----------------------------------------------|---------------------------------------------|------------|----------------------|
| NEB Part Number | Component Description | Lot Number | Individual QC Result |
| T1017-2 | Monarch® Plasmid Miniprep Columns | 10145751 | Pass |
| T1016-3 | Monarch® DNA Elution Buffer | 10145748 | Pass |
| T1015-3 | Monarch® Plasmid Wash Buffer 2 | 10145745 | Pass |
| T1014-3 | Monarch® Plasmid Wash Buffer 1 | 10145736 | Pass |
| T1013-3 | Monarch® Plasmid Neutralization Buffer (B3) | 10145733 | Pass |
| T1012-3 | Monarch® Plasmid Lysis Buffer (B2) | 10145719 | Pass |
| T1011-3 | Monarch® Plasmid Resuspension Buffer (B1) | 10145714 | Pass |

| Assay Name/Specification | Lot # 10132561 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 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 |
| 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 |

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

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08 Jul 2022



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08 Jul 2022