

## New England Biolabs Product Specification

*Product Name:* Monarch<sup>®</sup> Mag Viral DNA/RNA Extraction Kit  
*Catalog #:* T4010S/L/X  
*Kit Components:* Monarch<sup>®</sup> Mag Beads M1 (T4005)  
Monarch<sup>®</sup> Carrier RNA (T4006)  
Monarch StabiLyse™ DNA/RNA Buffer (T2111)  
Monarch<sup>®</sup> Buffer BX (T2041)  
Nuclease-free Water (B1500)  
Proteinase K, Molecular Biology Grade (P8200)

*Shelf Life:* 36 months  
*Storage Temp:* 25°C  
*Specification Version:* PS-T4010S/L/X v1.0  
*Effective Date:* 21 Mar 2024

### Assay Name/Specification (minimum release criteria)

**Binding Capacity (Magnetic Beads)** - Monarch<sup>®</sup> Mag Beads M1 are tested with 2 µg of 1 Kb Ladder resulting in ≥75% recovery in ≥80% of the samples.

**Functional Testing (Nucleic Acid Extraction)** - Each lot is functionally tested and compared to control data to ensure lot-to-lot consistency.

\* **Individual Product Component Note** - Standard Quality Control Tests are performed for each component included in Monarch<sup>®</sup> Mag Viral DNA/RNA Extraction Kit and meet the designated specifications.

One or more products referenced in this document may be covered by a 3rd-party trademark.  
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Date 21 Mar 2024

Lauren Brown  
Quality Approver

