

## New England Biolabs Product Specification

*Product Name:* Monarch<sup>®</sup> RNA Cleanup Wash Buffer  
*Catalog #:* T2042L  
*Shelf Life:* 36 months  
*Storage Temp:* 25°C  
*Composition:* Proprietary  
*Specification Version:* PS-T2042L v2.0  
*Effective Date:* 28 Jun 2021

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

**Functional Testing (Enzyme Inactivation and Removal)** - Eight Monarch<sup>®</sup> RNA Cleanup Columns are tested with input RNA at 10% the maximum binding capacity of the column and 2 units of DNase I. A 50 µl reaction in DNase I Reaction Buffer with 1 µg of pBR322 and 50% of the column eluate incubated for 10 minutes at 37°C results in >99.95% removal of DNase I activity in ≥75% of the samples.

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Date 28 Jun 2021

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