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## New England Biolabs Product Specification

*Product Name:* Monarch<sup>®</sup> RNA Cleanup Wash Buffer  
*Catalog #:* T2042L  
*Shelf Life:* 18 months  
*Storage Temp:* 25°C  
*Composition:* Proprietary  
*Specification Version:* PS-T2042L v1.0  
*Effective Date:* 20 Jun 2018

Assay Name/Specification (minimum release criteria)
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<b>Functional Testing (Enzyme Inactivation and Removal)</b> - 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 20 Jun 2018

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Derek Robinson  
Director of Quality Control

