

## New England Biolabs Product Specification

<i>Product Name:</i>	<i>Protein Deglycosylation Mix II</i>
<i>Catalog #:</i>	<i>P6044S</i>
<i>Concentration:</i>	<i>20 reactions</i>
<i>Unit Definition:</i>	<i>N/A</i>
<i>Shelf Life:</i>	<i>24 months</i>
<i>Storage Temp:</i>	<i>-20°C</i>
<i>Storage Conditions:</i>	<i>50 mM NaCl, 20 mM Tris-HCl, 2.6 mM EDTA, (pH 7.5 @ 25°C)</i>
<i>Specification Version:</i>	<i>PS-P6044S v3.0</i>
<i>Effective Date:</i>	<i>13 Feb 2024</i>

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

**Functional Testing (Deglycosylation)** - A 20 µl reaction in 1X Deglycosylation Mix Buffer II containing 100 µg of Bovine Fetuin is heated at 100°C for 10 minutes. The denatured Fetuin when treated with 5 µl Protein Deglycosylation Mix II and incubated for 30 minutes at 25°C followed by 4 hours at 37°C results in a mobility shift in > 95% of the starting material as determined by Coomassie stained SDS-PAGE.

One or more products referenced in this document may be covered by a 3rd-party trademark.  
Please visit [www.neb.com/trademarks](http://www.neb.com/trademarks) for additional information.



Date 13 Feb 2024

Lauren Brown  
Quality Approver

