

## New England Biolabs Certificate of Analysis

**Product Name:** Protein Deglycosylation Mix II  
**Catalog Number:** P6044S  
**Unit Definition:** N/A  
**Packaging Lot Number:** 10124243  
**Expiration Date:** 10/2023  
**Storage Temperature:** -20°C  
**Storage Conditions:** 50 mM NaCl, 20 mM Tris-HCl, 2.6 mM EDTA, (pH 7.5 @ 25°C)  
**Specification Version:** PS-P6044S v2.0

Protein Deglycosylation Mix II Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
P6044SVIAL	Protein Deglycosylation Mix II	10122094	Pass
P6042SVIAL	Fetuin Control	10122173	Pass
B6045SVIAL	10X Deglycosylation Mix Buffer 2	10122096	Pass
B6044SVIAL	10X Deglycosylation Mix Buffer 1	10122095	Pass

Assay Name/Specification	Lot # 10124243
<b>Functional Testing (Deglycosylation)</b> A 20 µl reaction in 1X Glycoprotein Denaturing Buffer 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 in the presence of 1X Glyco Buffer 2 and 1% NP40, incubated for 4 hours at 37°C results in a mobility shift in > 95% of the starting material as determined by Coomassie stained SDS-PAGE.	Pass

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

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.

*Alicia Bielik*

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Alicia Bielik  
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20 Oct 2021

*Michael Tonello*

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20 Oct 2021