

## New England Biolabs Certificate of Analysis

**Product Name:** *IdeZ Protease (IgG-specific)*  
**Catalog Number:** *P0770S*  
**Concentration:** *80,000 U/ml*  
**Unit Definition:** *One unit is defined as the amount of enzyme required to cleave >95% of 1 µg of human IgG, in 15 minutes at 37°C in a total reaction volume of 10 µl.*

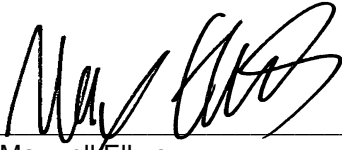
**Packaging Lot Number:** *10282488*  
**Expiration Date:** *03/2027*  
**Storage Temperature:** *-20°C*  
**Storage Conditions:** *50 mM NaCl, 20 mM Tris-HCl, 1 mM EDTA, (pH 7.5 @ 25°C)*  
**Specification Version:** *PS-P0770S v1.0*

IdeZ Protease (IgG-specific) Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
P0770SVIAL	IdeZ Protease (IgG-specific)	10280581	Pass
B3704SVIAL	10X GlycoBuffer 2	10269838	Pass

Assay Name/Specification	Lot # 10282488
<b>Protease Activity (Non-Specific, SDS-PAGE)</b> A 20 µl reaction in 1X Glyco Buffer 2 containing 24 µg of a standard mixture of proteins and a minimum of 800 units of IdeZ Protease (IgG-specific) incubated for 20 hours at 37°C, results in no detectable degradation of the protein mixture as determined by SDS-PAGE with Coomassie Blue detection.	<b>Pass</b>
<b>Protein Purity Assay (SDS-PAGE)</b> IdeZ Protease (IgG-specific) is ≥ 95% pure as determined by SDS-PAGE analysis using Coomassie Blue detection.	<b>Pass</b>

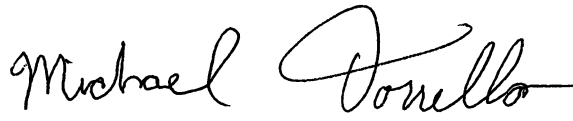
This product has been tested and shown to be in compliance with all specifications.

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.



---

Maxwell Elkus  
Production Scientist  
07 Mar 2025



---

Michael Tonello  
Packaging Quality Control Inspector  
18 Mar 2025