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: 10183737
Expiration Date: 03/2025
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

<table>
<thead>
<tr>
<th>NEB Part Number</th>
<th>Component Description</th>
<th>Lot Number</th>
<th>Individual QC Result</th>
</tr>
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<tr>
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<td>IdeZ Protease (IgG-specific)</td>
<td>10180325</td>
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<td>B3704SVIAL</td>
<td>10X GlycoBuffer 2</td>
<td>10148982</td>
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Assay Name/Specification

Protease Activity (Non-Specific, SDS-PAGE)
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.

Protein Purity Assay (SDS-PAGE)
IdeZ Protease (IgG-specific) is ≥ 95% pure as determined by SDS-PAGE analysis using Coomassie Blue detection.

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 for additional information.
Alicia Bielik
Production Scientist
08 Mar 2023

Michael Tonello
Packaging Quality Control Inspector
19 Apr 2023