

New England Biolabs Certificate of Analysis

Product Name: IdeZ Protease (IgG-specific)
Catalog #: P0770S
Concentration: 80,000 units/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.
Lot #: 0031703
Assay Date: 03/2017
Expiration Date: 03/2019
Storage Temp: -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
Effective Date: 16 Feb 2016

Assay Name/Specification (minimum release criteria)	Lot #0031703
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.	Pass
Protein Purity Assay (SDS-PAGE) - IdeZ Protease (IgG-specific) is ≥ 95% pure as determined by SDS-PAGE analysis using Coomassie Blue detection.	Pass



Authorized by
Derek Robinson
16 Feb 2016



Inspected by
Alicia Bielik
15 Mar 2017

