

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.*
Lot Number: *10013498*
Expiration Date: *06/2020*
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)	10009612	Pass
B3704SVIAL	10X GlycoBuffer 2	0041709	Pass

Assay Name/Specification	Lot # 10013498
Protein Purity Assay (SDS-PAGE) IdeZ Protease (IgG-specific) is ≥ 95% pure as determined by SDS-PAGE analysis using Coomassie Blue detection.	Pass
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

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



Alicia Bielik
Production Scientist
19 Jun 2018



Josh Hersey
Packaging Quality Control Inspector
11 Jul 2018