

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: *10137585*
Expiration Date: *02/2024*
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)	10137584	Pass
B3704SVIAL	10X GlycoBuffer 2	10118382	Pass

Assay Name/Specification	Lot # 10137585
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.

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Production Scientist
17 Feb 2022



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17 Feb 2022