

New England Biolabs Certificate of Analysis

Product Name: *Endoproteinase GluC*
Catalog Number: *P8100S*
Packaging Lot Number: *10057979*
Expiration Date: *10/2020*
Storage Temperature: *-20°C*
Storage Conditions: *Supplied freeze dried from a Tris-HCl and sodium chloride buffer, pH 8*
Specification Version: *PS-P8100S v1.0*

Endoproteinase GluC Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
P8100SVIAL	Endoproteinase GluC	10057978	Pass
B8100SVIAL	GLuC Reaction Buffer	10041945	Pass

Assay Name/Specification	Lot # 10057979
Functional Testing (Cytochrome C Digestion) A 20 µl reaction in 20 mM TrisHCl, 0.5 mM Glu-Glu (pH 8.0 @ 25°C) containing 2 µg of Cytochrome C protein and 0.1 µg of Endoproteinase GluC incubated for 16 hours at 37°C results in the expected digestion products as determined by LC-MS analysis.	Pass
Functional Testing (Peptide Digestion) A 20 µl reaction in 20 mM TrisHCl, 0.5 mM Glu-Glu (pH 8.0 @ 25°C) containing 1 µg of ACTH(1-17) peptide and 0.1 µg of Endoproteinase GluC incubated for 16 hours at 37°C results in the expected digestion products as determined by LC-MS analysis.	Pass

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

Beth M. Paschal

Beth Paschal
Production Scientist
21 Oct 2019

Michael Tonello

Michael Tonello
Packaging Quality Control Inspector
03 Jan 2020