

New England Biolabs Certificate of Analysis

Product Name: *Endoproteinase GluC*
Catalog Number: *P8100S*
Packaging Lot Number: *10231455*
Expiration Date: *02/2025*
Storage Temperature: *-20°C*
Storage Conditions: *Supplied in dry format from a Tris-HCl and sodium chloride buffer, pH 8*
Specification Version: *PS-P8100S v2.0*

Endoproteinase GluC Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
P8100SVIAL	Endoproteinase GluC	10228131	Pass
B8100SVIAL	GLuC Reaction Buffer	10153872	Pass

Assay Name/Specification	Lot # 10231455
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.

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.

Beth M. Paschal

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Production Scientist
06 Feb 2024

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Packaging Quality Control Inspector
16 Feb 2024