

## New England Biolabs Certificate of Analysis

**Product Name:** *Endoproteinase GluC*  
**Catalog Number:** *P8100S*  
**Packaging Lot Number:** *10164822*  
**Expiration Date:** *08/2023*  
**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	10153427	Pass
B8100SVIAL	GLuC Reaction Buffer	10162942	Pass

Assay Name/Specification	Lot # 10164822
<b>Functional Testing (Cytochrome C Digestion)</b> 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
<b>Functional Testing (Peptide Digestion)</b> 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.

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12 Sep 2022



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Packaging Quality Control Inspector  
12 Sep 2022