

## New England Biolabs Certificate of Analysis

*Product Name:* Endoproteinase GluC  
*Catalog #:* P8100S  
*Lot #:* 0051712  
*Assay Date:* 12/2017  
*Expiration Date:* 12/2018  
*Storage Temp:* -20°C  
*Storage Conditions:* Supplied freeze dried from a Tris-HCl and sodium chloride buffer, pH 8  
*Specification Version:* PS-P8100S v1.0  
*Effective Date:* 19 Dec 2016

Assay Name/Specification (minimum release criteria)	Lot #0051712
<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.	<b>Pass</b>
<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.	<b>Pass</b>



Authorized by  
Derek Robinson  
19 Dec 2016



Inspected by  
Beth Paschal  
16 Feb 2018

