

New England Biolabs Product Specification

Product Name: Endoproteinase GluC
Catalog #: P8100S
Shelf Life: 12 months
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)

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.

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.



Date 19 Dec 2016

Derek Robinson
Director of Quality Control

