

New England Biolabs Certificate of Analysis

Product Name: *Endoproteinase LysC*
Catalog Number: *P8109S*
Packaging Lot Number: *10161536*
Expiration Date: *09/2023*
Storage Temperature: *-20°C*
Storage Conditions: *Supplied in dry format from Tris-HCl buffer, pH 8*
Specification Version: *PS-P8109S v2.0*

Endoproteinase LysC Component List			
NEB Part Number	Component Description	Lot Number	Individual QC Result
P8109SVIAL	Endoproteinase LysC	10161535	Pass

Assay Name/Specification	Lot # 10161536
Functional Testing (Calcitonin Peptide Digestion) A 20 µl reaction in 20 mM TrisHCl (pH 8.0 @ 25°C) containing 2 µg of human calcitonin peptide and 0.1 µg of Endoproteinase LysC incubated for 1 hour at 37°C results in the expected digestion products as determined by LC-MS analysis.	Pass
Functional Testing (Cytochrome C Digestion) A 20 µl reaction in 20 mM TrisHCl (pH 8.0 @ 25°C) containing 2 µg of Cytochrome C protein and 0.1 µg of Endoproteinase LysC 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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Alicia Bielik
Production Scientist
07 Sep 2022



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07 Sep 2022