

## New England Biolabs Product Specification

*Product Name:* Endoproteinase LysC  
*Catalog #:* P8109S  
*Shelf Life:* 12 months  
*Storage Temp:* -20°C  
*Storage Conditions:* Supplied in dry format from Tris-HCl buffer, pH 8  
*Specification Version:* PS-P8109S v2.0  
*Effective Date:* 01 Nov 2021

### Assay Name/Specification (minimum release criteria)

**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.

**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.

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Date 01 Nov 2021

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