

240 County Road Ipswich, MA 01938-2723 Tel 978-927-5054 Fax 978-921-1350 www.neb.com info@neb.com

New England Biolabs Certificate of Analysis

Product Name: Enterokinase, light chain

Catalog Number: P8070L Concentration: 16,000 U/ml

Unit Definition: 1 unit is defined as the amount of enzyme required to cleave 25 ug

of a MBP-EK-paramyosin-ΔSal substrate to 95% completion in 16 hours

at 25°C in a total reaction volume of 25 µl.

Packaging Lot Number: 10179286
Expiration Date: 02/2024
Storage Temperature: -20°C

Storage Conditions: 20 mM Tris-HCl, 200 mM NaCl, 2 mM CaCl2, 50 % Glycerol, (pH 7.2 @

4°C)

Specification Version: PS-P8070S/L v1.0

Enterokinase, light chain Component List				
NEB Part Number	Component Description	Lot Number	Individual QC Result	
P8070LVIAL	Enterokinase, light chain	10176603	Pass	

Assay Name/Specification	Lot # 10179286
Protease Activity (Non-Specific, SDS-PAGE)	Pass
A 20 µl reaction in 20 mM Tris-HCl, 50 mM NaCl, 2 mM CaCl2 (pH 8.0 @ 25°C)	
containing 6 µg of a standard mixture of proteins and a minimum of 16 units of	
Enterokinase was incubated for 16 hours at 25°C. After incubation, >90% of the	
protein mixture remains intact as determined by SDS-PAGE with Coomassie Blue	
detection.	

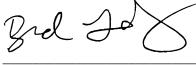
This product has been tested and shown to be in compliance with all specifications.

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Brad Landgraf Production Scientist 26 Jan 2023 Michael Tonello

Packaging Quality Control Inspector 13 Mar 2023



