

New England Biolabs Certificate of Analysis

Product Name: *Enterokinase, light chain*
Catalog Number: *P8070S*
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: *10065121*
Expiration Date: *02/2021*
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
P8070SVIAL	Enterokinase, light chain	10065120	Pass

Assay Name/Specification	Lot # 10065121
Protease Activity (Non-Specific, SDS-PAGE) A 20 μl reaction in 20 mM Tris-HCl, 50 mM NaCl, 2 mM CaCl ₂ (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.	Pass

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



Brad Landgraf
Production Scientist
31 Jan 2020



Jay Minichiello
Packaging Quality Control Inspector
10 Mar 2020