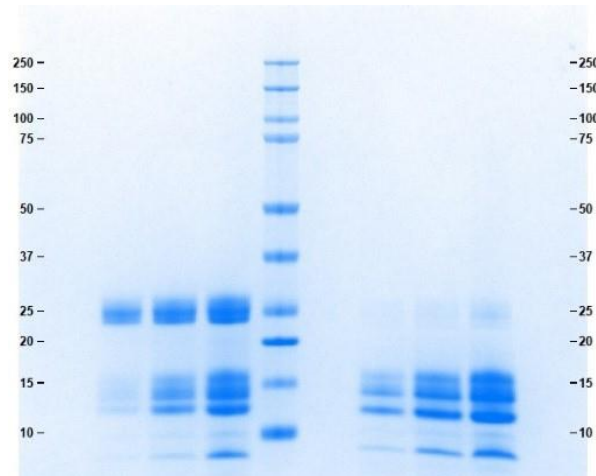


Gel Scan of Representative Lot Elastase

ART Catalog No. 16-14-051200



SDS-PAGE

4-12% Bis-Tris gel with 1x MES

1. Elastase- 5 µg (Heated/Reduced)
2. Elastase- 10 µg (Heated/Reduced)
3. Elastase- 20 µg (Heated/Reduced)
4. Standard
5. Blank
6. Elastase- 5 µg (Not Heated/Non-Reduced)
7. Elastase- 10 µg (Not Heated/Non-Reduced)
8. Elastase- 20 µg (Not Heated/Non-Reduced)

Protein Determination:

Extinction Coefficient (E) = 0.985 (0.1% at 280 nm, 1cm pathway)

Considerations:

Storage Conditions: ≤ -20 °C

Stability: > 1 year

Molecular Weight:

29,500 Da

Buffer:

Deionized water

Physical Specifications:

Form: Lyophilized

Purity: ≥ 95% by SDS-Page

Your Distributor

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Active Bioscience GmbH
Oberaltenallee 8
D-22081 Hamburg
HRB 98170 Amtsgericht Hamburg

Product Datasheet

Product:	Elastase
Catalog #:	16-14-051200
Form:	Lyophilized
Available Packaging:	50 and 100 µg and 1 mg. Larger aliquots are available upon request.
Buffer:	Deionized water
Purity:	≥ 95% by SDS-PAGE
Molecular Weight:	29,500 Da
Protein Determination:	Extinction Coefficient (E) = 0.985 (0.1% at 280 nm, 1 cm pathway)
Activity:	20-22 units/mg protein. One unit is defined as the amount of enzyme that hydrolyzes 1 µmol of MeO-Suc-Ala-Ala-Pro-Val-pNA per minute at 25 °C, pH 7.5.
Storage/Handling:	≤ -20 °C
Stability:	> 1 year
Source:	Human Neutrophil
Testing:	Donor material is obtained from suppliers that perform a comprehensive infectious disease screening panel. This material was tested and found negative for HIV, HBV, HCV, and syphilis prior to collection. Documentation of testing is maintained and available upon request.

Product Link: <https://www.athensresearch.com/products/all/elastase-human-neutrophil>

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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