



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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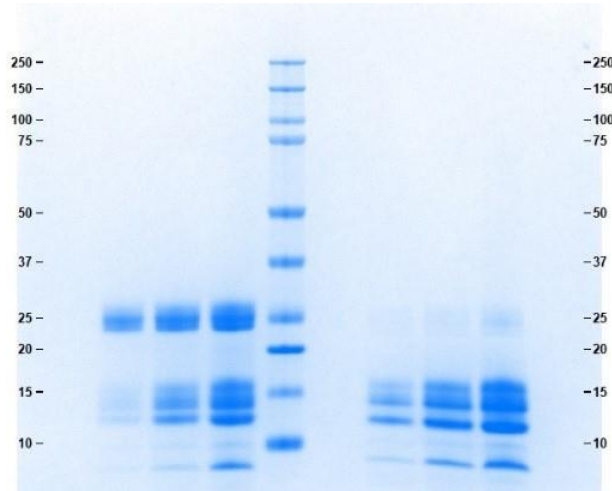
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Gel Scan of Representative Lot Elastase

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: $\geq 95\%$ by SDS-Page

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