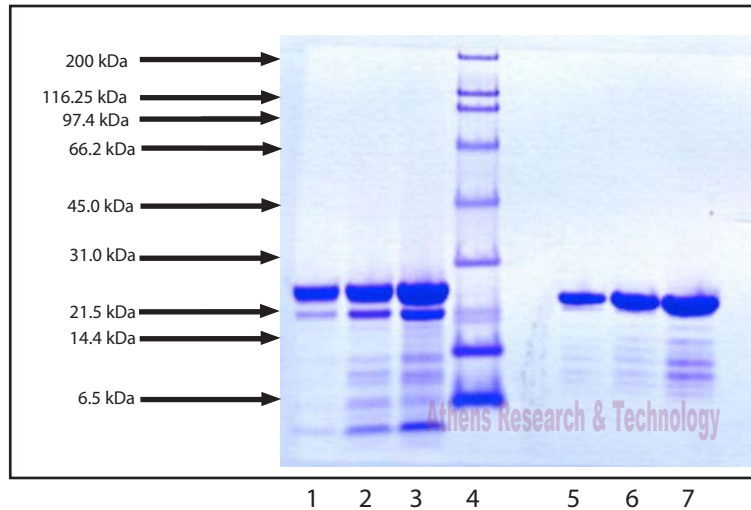


Athens Research & Technology

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Gel Scan of Representative Lot

Elastase, Porcine Pancreatic
ART Catalog No. 16-19-051200-porcine



SDS-PAGE:

4-12% Bis-Tris NuPAGE gel

1. Elastase - 5 μ g (reduced / heated)
2. Elastase - 10 μ g (reduced / heated)
3. Elastase - 20 μ g (reduced / heated)
4. BRMW Standard (BIO-RAD Cat. No. 161-0317)
5. Elastase - 5 μ g (non-reduced / no heat)
6. Elastase - 10 μ g (non-reduced / no heat)
7. Elastase - 20 μ g (non-reduced / no heat)

Molecular Weight: 25,000

Protein Determination:

Extinction Coefficient (E) $\frac{0.1\% \text{ at } 280\text{nm}}{1\text{cm pathway}} = 2.02$

Physical Specifications:

Lyophilized

Activity:

70.4 units per mg protein prior to lyophilization. One unit is defined as the amount of enzyme that hydrolyzes one umole of Suc-Ala-Ala-Pro-Abu-pNA per minute at 25° C.

Considerations:

Storage Conditions: -20° C

Stability: > 1 year

Buffer: 1 mM acetic acid and 50 mM Trehalose

Virginia B. Patel PhD

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Product Datasheet

Product:	Elastase, Porcine Pancreatic
Catalog Number:	16-19-051200-porcine
Description:	Lyophilized
Buffer:	1 mM acetic acid and 50 mM Trehalose
Activity:	70.4 units per mg protein prior to lyophilization. One unit is defined as the amount of enzyme that hydrolyzes one umole of Suc-Ala-Ala-Pro-Abu-pNA per minute at 25° C.
Molecular Weight:	25,000 by SDS PAGE
Protein Determination:	Extinction Coefficient (E) $\frac{0.1\% \text{ at } 280\text{nm}}{1\text{cm pathway}} = 2.02$
Storage:	$\leq -20^\circ \text{ C}$
Stability:	> 1 year
Available Packaging:	250 units per vial Larger aliquots upon request
Source:	Porcine Pancreatin: American Laboratories Inc (PC:523)

**Athens Research & Technology products are laboratory reagents and are not to be administered to humans or used for any drug purpose.
For research use or for use in further manufacturing.**