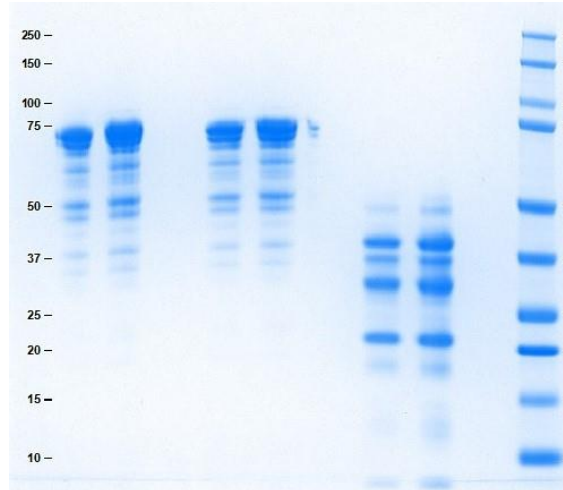


Gel Scan of Representative Lot Kallikrein

ART Catalog No. 16-16-110112



SDS-PAGE

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

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

Protein Determination:

Extinction Coefficient (E) = 1.06 (0.1% at 280 nm,
1 cm pathway)

Molecular Weight:

86,000 – 88,000 Da

Physical Specifications:

Form: Frozen

Purity: ≥ 95% by SDS-PAGE

Considerations:

Storage Conditions: ≤ -70 °C

Stability: > 1 year

Buffer:

Frozen in 20 mM Tris-HCl, pH 7.8, with 100 mM
NaCl

Your Distributor

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Tel.: +49 40 4320 8448 - 0
order@active-bioscience.de
www.active-bioscience.de



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Tel.: +49 40 4320 8448 - 11
support@active-bioscience.de

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

Product Datasheet

Product:	Kallikrein
Catalog #:	16-16-110112
Form:	Frozen
Available Packaging:	50 µg. Larger aliquots are available upon request.
Buffer:	Frozen in 20 mM Tris-HCl, pH 7.8, with 100 mM NaCl
Purity:	≥ 95% by SDS-PAGE
Activity:	15 units/mg. One unit is defined as the amount of enzyme that hydrolyzes one µmol of D-Pro-Phe-Arg-pNA per minute at 25 °C, pH 7.8
Molecular Weight:	86,000 – 88,000 Da
Protein Determination:	Extinction Coefficient (E) = 1.06 (0.1% at 280 nm, 1 cm pathway)
Storage/Handling:	≤ -70 °C
Stability:	> 1 year
Source:	Human Plasma
Testing:	Donor material is obtained from suppliers that perform a comprehensive infectious disease screening panel. Each unit of plasma is tested by the supplier and found non-reactive for HIV-1/2, Hepatitis B surface antigen (HBsAg), Hepatitis C (HCV), Hepatitis A (HAV), and syphilis (RPR). Documentation of testing is maintained and is available upon request.

Product Link: <https://www.athensresearch.com/products/all/kallikrein-human-plasma>

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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