

Product Datasheet

Product:	Kallikrein (lyophilized)
Catalog #:	16-16-110112-L
Form:	Lyophilized
Available Packaging:	50 µg. Larger aliquots are available upon request
Buffer:	Lyophilized from 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:	≤ -20 °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-lyophilized>

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