

**Product:** Kallikrein  
**Catalog #:** 12-7628  
**Amount:** 25 mg

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**DESCRIPTION:** Kallikrein is a serine protease that release bradykinin from kininogen. Present in plasma as an inactive precursor prokallikrein

**SOURCE:** Human plasma

**MOLECULAR WEIGHT:** 86,000

**BUFFER:** 10 mM Tris-HCl, pH 8.5, with 100 mM NaCl

**PURITY:** > 95% by SDS-PAGE

**ACTIVITY:** 15 units per mg. One unit is defined as the amount of enzyme that hydrolyzes one umole of D-Pro-Phe-Arg-pNA per minute at 25°C, pH 8.0

**STORAGE:** Frozen (-20°C)

**QUALITY CONTROL:** Nonreactive and negative for HBsAg, anti-HCV, anti-HBc, and anti-HIV1 & 2 by FDA-required tests.

Because no test method can offer complete assurance that products derived from human source will not transmit infectious agents, it is recommended that this product be handled with the same precautions used for patient specimens.

**REFERENCE:**  
Hideaki, H & Barrett, A.J. (1981). Biochem J. **193**, 187

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