

KLK1

Native Human KALLIKREIN

Catalog No.	CSI19671A	Quantity:	1 U
	CSI19671B		2 U

Alternate Names: KLK1, KLKR, KIK6, hK,1 Kilkkrein 1

Description: Kallikrein(s) belong to a family of serine proteases that are widespread throughout living organisms, expressed in diverse tissue-specific patterns, and known to have highly diverse physiological functions. Human Kallikrein protein, also known as Uro kallikrein, is an enzyme present in blood plasma, lymph, urine, saliva, pancreatic juices, and other body fluids that catalyzes the proteolysis of bradykininogen to bradykinin. Kallikrein(s) are targets of active investigation by drug researchers as possible biomarkers for cancer.

Gene ID: 3816

Source: Human Urine

Molecular Weight: 44 kDa

Formulation: Liquid in Proprietary Buffer.

Purity: >99%

Biological Activity: >10 pNA units/ml

Unit Definition: One unit will hydrolyze 1.0 μ mole of H-D-Val-Leu-Arg-pNA(S-2266) per minute at pH 8.0 at 37°C.

Storage & Stability: Store at 2-4°C.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

