

KLK1

Native Human Kallikrein Biotin

Catalog No.	CNH007A	Quantity:	100 µg
	CNH007B		1 mg

Alternate Names: KLKR

Description: Activation of Prekallikrein with Factor alpha-XIIa produces the enzymatically active Kallikrein. Kallikrein is a serine protease which consists of a heavy chain (Mr 52kD) and light chains (Mr either 36 or 33 kD) linked by disulfide bridges. Kallikrein possesses enzymatic activity toward Factor XII, HK, Plasminogen, Factors XI, IX, and VII, prorenin and the complement system. After activation, the activating enzyme Factor XIIa is removed by affinity chromatography.

Active Native Human Kallikrein is biotinylated on lysine residues.

Concentration: 0.5 mg/ml

Gene ID: 3816

Source: Human plasma

Molecular Weight: 86,000 - 88,000

Formulation: Liquid in 0.004 M Sodium Acetate + 0.15 M NaCl, pH 5.3

Purity: >95% by SDS-PAGE analysis

Conjugate: Biotin

Storage & Stability: When stored at -80°C product is stable for 3 years from date of delivery. **Avoid repeated freeze-thaw cycles.**

Certification: Prepared from plasma found negative by FDA accepted methods for Anti-HIV1/2, Anti-HTLV I & II, HBsAg, Anti-HCV, Syphilis, HBC Ab, HIV-1 p24 Ag or HIV-1 RNA, HCV RNA and HBV RNA. Donors are screened for CJD (Creutzfeldt-Jakob Disease).

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