

## KLKB1

### Native Human Kallikrein, Biotin labeled

<b>Catalog No.</b>	CNH007A CNH007B	<b>Quantity:</b>	100 µg 1 mg
<b>Alternate Names:</b>	Plasma kallikrein, Fletcher factor, Kininogenin, Plasma prekallikrein, PKK		
<b>Description:</b>	<p>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.</p> <p>Active Native Human Kallikrein is biotinylated on lysine residues.</p>		
<b>Concentration:</b>	0.5 mg/ml, lot specific		
<b>UniProt ID:</b>	P03952		
<b>Gene ID:</b>	3818		
<b>Source:</b>	Human plasma		
<b>Molecular Weight:</b>	86 - 88 kDa		
<b>Formulation:</b>	0.004 M Sodium Acetate, 0.15 M NaCl, pH 5.3		
<b>Purity:</b>	> 95% by SDS-PAGE analysis		
<b>Extinction Coefficient:</b>	$E_{280\text{ nm}}^{0.1\%} = 1.17$		
<b>Conjugate:</b>	Biotin		
<b>Storage &amp; Stability:</b>	Store in working aliquots at -80°C for up to 1 year. <b>Avoid repeated freeze-thaw cycles.</b>		
<b>Certification:</b>	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).		

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

