

KLK3

Native Human Kallikrein Related Peptidase 3/Prostate Specific Antigen

Catalog No.	CSI14824A	Quantity:	100 µg
	CSI14824B		1.0 mg

Alternate Names: APS, PSA, hK3, KLK2A1

Description: Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. Kallikrein-related peptidase 3 (KLK3) is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. Its protein product is a protease present in seminal plasma often referred to as Prostate Specific Antigen (PSA). It is thought to function normally in the liquefaction of seminal coagulum, presumably by hydrolysis of the high molecular mass seminal vesicle protein. Serum level of this protein, called PSA in the clinical setting, is useful in the diagnosis and monitoring of prostatic carcinoma.

Concentration: Typically >2.0 mg/mL

Gene ID: 354

Source: Human Seminal Fluid

Molecular Weight: 34 kDa

Formulation: Liquid in Phosphate buffer + NaCl

Purity: >98% by SDS-PAGE

Storage & Stability: Store at 2-4°C. 1 year.

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