

Human KLK1 ELISA Kit | KLK1 elisa kit

Human KLK1 (Kallikrein 1) ELISA Kit

CATALOG #
AAA166057

REACTIVITY
Human

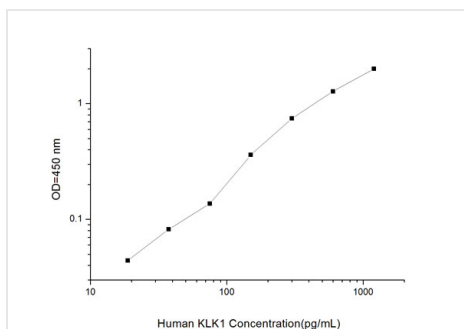
PRODUCT SYNONYMS

KLK1; Human KLK1 (Kallikrein 1) ELISA Kit; KLK1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human KLK1. No significant cross-reactivity or interference between Human KLK1 and analogues was observed.
Sequence Length	262
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	18.75-1200pg/mL
Sensitivity	Min: 11.25pg/mL; Max: 1200pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KLK1 elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of HumanKLK1concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to KLK1. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for KLK1and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain KLK1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of KLK1. You can calculate the concentration of KLK1in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504875
NCBI GeneID	3816
NCBI Accession #	NP_002248.1
NCBI GenBank Nucleotide #	NM_002257.3
Molecular Weight	23,835 Da
NCBI Official Full Name	kallikrein-1 preproprotein
NCBI Official Synonym Full Names	kallikrein 1
NCBI Official Symbol	KLK1
NCBI Official Synonym Symbols	hK1; KLKR; Klk6
NCBI Protein Information	kallikrein-1; glandular kallikrein 1; kallikrein 1, renal/pancreas/salivary; kallikrein serine protease 1; kidney/pancreas/salivary gland kallikrein; tissue kallikrein
UniProt Protein Name	Kallikrein-1
UniProt Gene Name	KLK1
UniProt Entry Name	KLK1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.