

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

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CATALOG #
AAA278445

REACTIVITY
Human

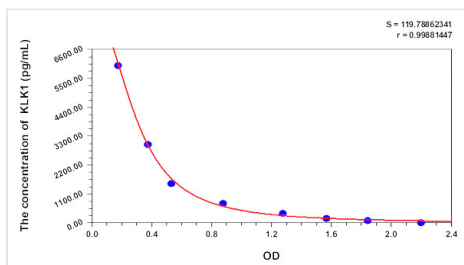
PRODUCT SYNONYMS

KLK1 (Kallikrein 1); Human KLK1 (Kallikrein 1) ELISA Kit; KLKR; Klk6; HK1; Kallikrein 1; Renal/Pancreas/Salivary; Kidney/pancreas/salivary gland kallikrein; Tissue kallikrein; KLK1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Competitive Inhibition
Samples	Serum, plasma and other biological fluids
Detection Range	0.32-20ng/mL
Sensitivity	0.12ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KLK1 elisa kit

Test Principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human KLK1 protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human KLK1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Human KLK1 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for KLK1 elisa kit

Enzyme & Kinase; Tumor immunity; Hepatology

NCBI AND UNIPROT INFORMATION

NCBI GI #	386843
NCBI GeneID	3816
UniProt Accession #	P06870; Q66US9; Q86U61; Q8TCV8; Q9BS53; Q9NQ4; Q9UD19; Q9UMJ1

Molecular Weight	28,890 Da
NCBI Official Full Name	kallikrein, partial
NCBI Official Synonym Full Names	kallikrein 1
NCBI Official Symbol	KLK1
NCBI Official Synonym Symbols	hK1; KLKR; Klk6
NCBI Protein Information	kallikrein-1; tissue kallikrein; glandular kallikrein 1; kallikrein serine protease 1; kallikrein 1, renal/pancreas/salivary; kidney/pancreas/salivary gland 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.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/klk1-kallikrein-1/278445>