

Human KLK7 ELISA Kit | KLK7 elisa kit

Human KLK7 (Kallikrein 7) ELISA Kit

CATALOG #
AAA21777

REACTIVITY
Human

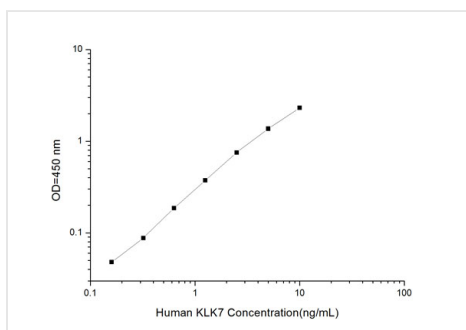
PRODUCT SYNONYMS

KLK7; Human KLK7 (Kallikrein 7) ELISA Kit; KLK7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human KLK7 in samples. No significant cross-reactivity or interference between Human KLK7 and analogues was observed.
Sequence Length	246
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.16-10ng/mL
Sensitivity	0.1ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human KLK7 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human KLK7 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KLK7 elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human KLK7. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human KLK7 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human KLK7, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop 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 Human KLK7. You can calculate the concentration of Human KLK7 in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human KLK7 concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	341823646
NCBI GeneID	5650
NCBI Accession #	NP_001230055.1
NCBI GenBank Nucleotide #	NM_001243126.1
UniProt Accession #	P49862; Q8N5N9; Q8NFV7; A8K0U5
Molecular Weight	19,887 Da
NCBI Official Full Name	kallikrein-7 isoform 3
NCBI Official Synonym Full Names	kallikrein-related peptidase 7
NCBI Official Symbol	KLK7
NCBI Official Synonym Symbols	hK7; SCCE; PRSS6
NCBI Protein Information	kallikrein-7; kallikrein 7 (chymotryptic, stratum corneum); serine protease 6; signal protein; stratum corneum chymotryptic enzyme
UniProt Protein Name	Kallikrein-7
UniProt Gene Name	KLK7
UniProt Synonym Gene Names	PRSS6; SCCE; hK7; hSCCE
UniProt Entry Name	KLK7_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://stage.aaabiotech.com/human-elisa-kits/klk7/21777>