

Human Kallikrein 11 ELISA Kit | KLK11 elisa kit

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CATALOG #
AAA263056

REACTIVITY
Human

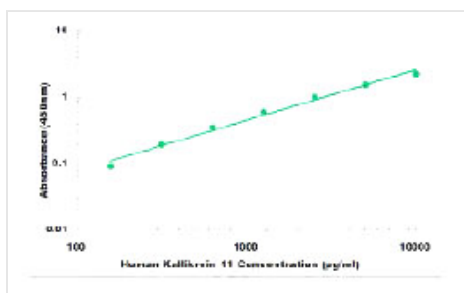
PRODUCT SYNONYMS

Kallikrein 11; Human Kallikrein 11 ELISA Kit; PRSS20; TLSP; Kallikrein-11; hK11; Hippostasin; Serine protease 20; Trypsin-like protease; KLK11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human Kallikrein 11 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human Kallikrein 11 proteins within the range of 156 pg/ml - 10000 pg/ml.
Sequence Length	250
Samples	Cell Culture Supernates, Serum, Plasma, Cell Lysates, Tissue Homogenates
Sensitivity	<10 pg/ml
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KLK11 elisa kit

Principle of the Assay: The Human Kallikrein 11 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human Kallikrein 11 in Cell Culture Supernates, Serum, Plasma, Cell Lysates, Tissue Homogenates. This assay employs an antibody specific for Human Kallikrein 11 coated on a 96-well plate. Standards and samples are pipetted into the wells and Kallikrein 11 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human Kallikrein 11 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of Kallikrein 11 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

Background: Kallikrein-11 is a protein that in humans is encoded by the KLK11 gene. 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. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. Alternate splicing of this gene results in two transcript variants encoding two different isoforms which are differentially expressed.

NCBI AND UNIPROT INFORMATION

NCBI GI #	209862865
NCBI GeneID	11012
NCBI Accession #	NP_001129504.1
NCBI GenBank Nucleotide #	NM_001136032.2
UniProt Accession #	Q9UBX7; O75837; Q0WXX5; Q8IXD7; Q9NS65
Molecular Weight	30,166 Da
NCBI Official Full Name	kallikrein-11 isoform 1
NCBI Official Synonym Full Names	kallikrein related peptidase 11
NCBI Official Symbol	KLK11
NCBI Official Synonym Symbols	TLSP; PRSS20
NCBI Protein Information	kallikrein-11
UniProt Protein Name	Kallikrein-11
UniProt Gene Name	KLK11
UniProt Synonym Gene Names	PRSS20; TLSP; hK11
UniProt Entry Name	KLK11_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/klk11-human-elisa-kits/kallikrein-11/263056>