

Human KLK11 (Kallikrein 11) ELISA Kit | KLK11 elisa kit

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CATALOG #
AAA249746

REACTIVITY
Human

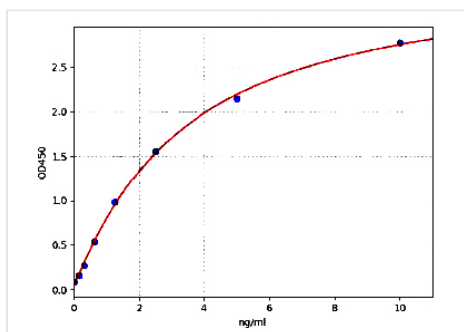
PRODUCT SYNONYMS

KLK11 (Kallikrein 11); Human KLK11 (Kallikrein 11) ELISA Kit; Kallikrein-11; hK11; Hippostasin; Serine protease 20; Trypsin-like protease; Kallikrein-11 inactive chain 1; Kallikrein-11 inactive chain 2; KLK11; PRSS20; TLSP; UNQ649; PRO1279; KLK11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of KLK11. No significant cross-reactivity or interference between KLK11 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KLK11 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

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	31,059 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; hK11; hippostasin; kallikrein 11; serine protease 20; trypsin-like protease
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/klk11-kallikrein-11/249746>