

Human KLKB1 (Plasma kallikrein) ELISA Kit | KLKB1 elisa kit

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CATALOG #
AAA249638

REACTIVITY
Human

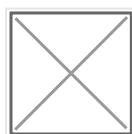
PRODUCT SYNONYMS

KLKB1 (Plasma kallikrein); Human KLKB1 (Plasma kallikrein) ELISA Kit; Plasma kallikrein; Fletcher factor; Kininogenin; Plasma prekallikrein; PKK; Plasma kallikrein heavy chain; Plasma kallikrein light chain; KLK3; KLKB1; KLKB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of KLKB1. No significant cross-reactivity or interference between KLKB1 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 KLKB1 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 #	78191798
NCBI GeneID	3818

NCBI Accession #	NP_000883.2
NCBI GenBank Nucleotide #	NM_000892.3
UniProt Accession #	P03952; Q17RE8; Q17RE9; Q4W5C3; A6NH96; B2R8H9
Molecular Weight	71,370 Da
NCBI Official Full Name	plasma kallikrein preproprotein
NCBI Official Synonym Full Names	kallikrein B, plasma (Fletcher factor) 1
NCBI Official Symbol	KLKB1
NCBI Official Synonym Symbols	PPK; KLK3
NCBI Protein Information	plasma kallikrein; kininogenin; Fletcher factor; plasma prekallikrein; plasma kallikrein heavy chain; plasma kallikrein light chain
UniProt Protein Name	Plasma kallikrein
UniProt Gene Name	KLKB1
UniProt Synonym Gene Names	KLK3
UniProt Entry Name	KLKB1_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/klkb1-plasma-kallikrein/249638>