

Rabbit plasma kallikrein (KLKB1) ELISA Kit | KLKB1 elisa kit

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CATALOG #
AAA27160

REACTIVITY
Rabbit

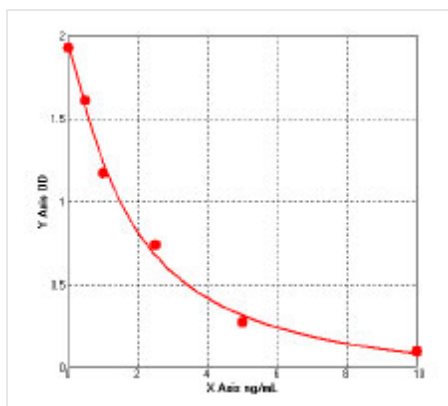
PRODUCT SYNONYMS

plasma kallikrein (KLKB1); Rabbit plasma kallikrein (KLKB1) ELISA Kit; KLKB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
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. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between KLKB1 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KLKB1 elisa kit	Principle of the Assay: KLKB1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-KLKB1 antibody and an KLKB1-HRP conjugate. The assay sample and buffer are incubated together with KLKB1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the KLKB1 concentration since KLKB1 from samples and KLKB1-HRP conjugate compete for the anti-KLKB1 antibody binding site. Since the number of sites is limited, as more sites are occupied by KLKB1 from the sample, fewer sites are left to bind KLKB1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The KLKB1 concentration in each sample is interpolated from this standard curve. Intended Uses: This KLKB1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit KLKB1. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for KLKB1 elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	236465805
NCBI GeneID	16621
NCBI Accession #	NP_032481.2
NCBI GenBank Nucleotide #	NM_008455.2
Molecular Weight	71,383 Da
NCBI Official Full Name	plasma kallikrein
NCBI Official Synonym Full Names	kallikrein B, plasma 1
NCBI Official Symbol	Klk1
NCBI Official Synonym Symbols	APS; PSA; Kal3; Klk3; Kal-3
NCBI Protein Information	plasma kallikrein; kininogenin; fletcher factor; kallikrein 3, plasma; plasma prekallikrein; antigen, prostate specific
UniProt Protein Name	Plasma kallikrein
UniProt Gene Name	Klk1
UniProt Synonym Gene Names	Klk3; Pk
UniProt Entry Name	KLKB1_MOUSE

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/rabbit-elisa-kits/plasma-kallikrein-klkb1/27160>