

Human kallikrein B, plasma (Fletcher factor) 1 ELISA Kit | KLKB1 elisa kit

Human plasma kallikrein, KLKB1 ELISA Kit

CATALOG #
AAA15163

REACTIVITY
Human

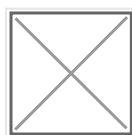
PRODUCT SYNONYMS

kallikrein B; plasma (Fletcher factor) 1; Human plasma kallikrein; KLKB1 ELISA Kit; Human plasma kallikrein (KLKB1) ELISA kit; KLK3; PPK; Fletcher factor; kininogenin; plasma kallikrein B1; plasma kallikrein heavy chain; plasma kallikrein light chain; KLKB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human KLKB1. No significant cross-reactivity or interference between human KLKB1 and analogues was observed.
Sequence Length	638
Samples	Serum, plasma
Detection Range	9.38 mU/ml -600 mU/mL
Sensitivity	<2.34 mU/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KLKB1 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for KLKB1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any KLKB1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for KLKB1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of KLKB1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

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/klkb1-human-elisa-kits/kallikrein-b-plasma-fletcher-factor-1/15163>