

Human Prekallikrein (PK) RTU ELISA Kit | PK rtu elisa kit

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CATALOG #
AAA216672

REACTIVITY
Human

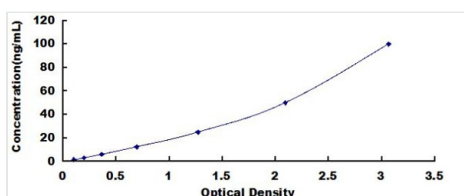
PRODUCT SYNONYMS

Prekallikrein (PK); Human Prekallikrein (PK) ELISA Kit; KLKB1; KLK3; Fletcher Factor; Kallikrein B; Plasma; Kininogenin; Plasma prekallikrein; PK rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	638
Assay Type	Sandwich
Samples	Plasma.
Detection Range	1.56-100ng/mL
Sensitivity	0.64ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PK rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PK. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PK. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PK, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of PK in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

78191798

NCBI GeneID	3818
NCBI Accession #	NP_000883.2
NCBI GenBank Nucleotide #	NM_000892.4
UniProt Accession #	P03952; Q17RE8; Q17RE9; Q4W5C3; A6NH96; B2R8H9
Molecular Weight	71,370 Da
NCBI Official Full Name	plasma kallikrein isoform 1 preproprotein
NCBI Official Synonym Full Names	kallikrein B1
NCBI Official Symbol	KLKB1
NCBI Official Synonym Symbols	PKK; PPK; KLK3; PKKD
NCBI Protein Information	plasma kallikrein
UniProt Protein Name	Plasma kallikrein
UniProt Gene Name	KLKB1
UniProt Synonym Gene Names	KLK3; PKK

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-rtu-elisa-kits/prekallikrein-pk/216672>