

Human Kallikrein 5, KLK5 ELISA Kit | KLK5 elisa kit

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CATALOG #
AAA43479

REACTIVITY
Human

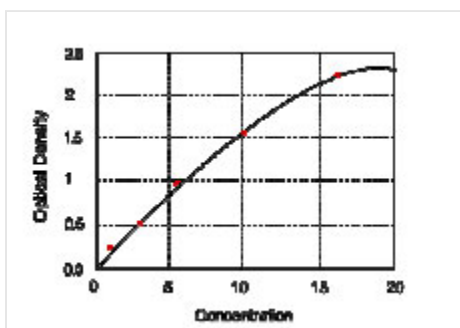
PRODUCT SYNONYMS

Kallikrein 5; KLK5; Human Kallikrein 5; KLK5 ELISA Kit; KLK5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	293
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 10ng/ml
Sensitivity	0.01ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KLK5 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Kallikrein 5 (also known as KLK5) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human KLK5 antibody. KLK5 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human KLK5 Antibody is added and binds to KLK5 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated KLK5 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human KLK5. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	117306176
NCBI GeneID	25818
NCBI Accession #	NP_001070960.1
NCBI GenBank Nucleotide #	NM_001077492.1
UniProt Accession #	Q9Y337; Q53ZR3; Q9HBG8; A0A024R4G4
Molecular Weight	32,020 Da
NCBI Official Full Name	kallikrein-5 preproprotein
NCBI Official Synonym Full Names	kallikrein related peptidase 5
NCBI Official Symbol	KLK5
NCBI Official Synonym Symbols	SCTE; KLKL2; KLK-L2
NCBI Protein Information	kallikrein-5
UniProt Protein Name	Kallikrein-5
UniProt Gene Name	KLK5
UniProt Synonym Gene Names	SCTEImportedManual assertion inferred from database entriesHGNC:6366; KLK-L2

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/kallikrein-5-klk5/43479>