

Human Kallikrein 13 (KLK13) ELISA Kit | KLK13 elisa kit

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CATALOG #
AAA136429

REACTIVITY
Human

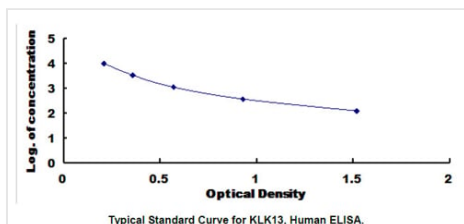
PRODUCT SYNONYMS

Kallikrein 13 (KLK13); Human Kallikrein 13 (KLK13) ELISA Kit; KLK13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Kallikrein 13 (KLK13). No significant cross-reactivity or interference between Kallikrein 13 (KLK13) and analogues was observed.
Sequence Length	277
Samples	Serum, plasma, tissue homogenates and other biological fluids
Assay Type	Competitive
Detection Range	123.46-10000pg/mL. The standard curve concentrations used for the ELISA's were 10000pg/mL, 3333.33pg/mL, 1111.11pg/mL, 370.37pg/mL, 123.46pg/mL.
Sensitivity	Typically less than 44.8pg/mL.
Organism Species	Homo sapiens (Human)
ELISA Type	Competitive
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Kallikrein 13 (KLK13) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Kallikrein 13 (KLK13) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ Intra-Assay: $CV < 10\%$ Inter-Assay: $CV < 12\%$
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KLK13 elisa kit	This assay employs the competitive inhibition enzyme immunoassay technique. An antibody specific for Kallikrein 13 (KLK13) has been pre-coated onto a microplate. A competitive inhibition reaction is launched between Horseradish Peroxidase (HRP) labeled Kallikrein 13 (KLK13) and unlabeled Kallikrein 13 (KLK13) (Standards or samples) with the pre-coated antibody specific for Kallikrein 13 (KLK13). After incubation the unbound conjugate is washed off. The amount of bound HRP conjugate is reverse proportional to the concentration of Kallikrein 13 (KLK13) in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of Kallikrein 13 (KLK13) in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11496281
NCBI GeneID	26085
NCBI Accession #	NP_056411.1
NCBI GenBank Nucleotide #	NM_015596.1
UniProt Accession #	Q9UKR3; Q9Y433; A7UNK6
Molecular Weight	30,570 Da
NCBI Official Full Name	kallikrein-13
NCBI Official Synonym Full Names	kallikrein-related peptidase 13
NCBI Official Symbol	KLK13
NCBI Official Synonym Symbols	KLKL4; KLK-L4
NCBI Protein Information	kallikrein-13; kallikrein 13; kallikrein-like gene 4; kallikrein-like protein 4
UniProt Protein Name	Kallikrein-13
UniProt Gene Name	KLK13
UniProt Synonym Gene Names	KLKL4; KLK-L4
UniProt Entry Name	KLK13_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/kallikrein-13-klk13/136429>