

Human Kallikrein-2 (KLK2) ELISA Kit | KLK2 elisa kit

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CATALOG #
AAA331948

REACTIVITY
Human

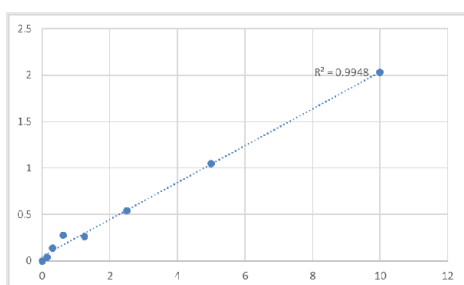
PRODUCT SYNONYMS

Kallikrein-2 (KLK2); Human Kallikrein-2 (KLK2) ELISA Kit; KLK2; KLK2A2; MGC12201; hK2; glandular kallikrein 2; kallikrein 2; prostatic; KLK2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Kallikrein-2 (KLK2) ELISA Kit has high sensitivity and excellent specificity for detection of Human KLK2. No significant cross-reactivity or interference between Human KLK2 and analogues was observed.
Sequence Length	261
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	2.5 ng/ml - 40 ng/ml
Sensitivity	< 0.1 ng/ml
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Kallikrein-2 (KLK2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for KLK2 elisa kit

Principle of the Assay: Human Kallikrein-2 (KLK2) ELISA Kit employs a two-site sandwich ELISA to quantitate KLK2 in samples. An antibody specific for Human KLK2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any KLK2 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated KLK2 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of KLK2 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031829
NCBI GeneID	3817
NCBI Accession #	NP_005542.1
NCBI GenBank Nucleotide #	NP_005542.1
UniProt Accession #	P20151
NCBI Official Full Name	kallikrein-2 isoform 1 preproprotein
NCBI Official Synonym Full Names	kallikrein related peptidase 2
NCBI Official Symbol	KLK2
NCBI Official Synonym Symbols	hK2; hGK-1; KLK2A2
NCBI Protein Information	kallikrein-2
UniProt Protein Name	Kallikrein-2
UniProt Gene Name	KLK2
UniProt Synonym Gene Names	hGK-1
UniProt Entry Name	KLK2_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-2-klk2/331948>