

Human kallikrein-related peptidase 2 ELISA Kit | KLK2 elisa kit

Human Kallikrein 2, hK 2 ELISA Kit

CATALOG #
AAA15640

REACTIVITY
Human

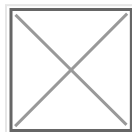
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human hK 2. No significant cross-reactivity or interference between human hK 2 and analogues was observed.
Sequence Length	223
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	62.5 pg/ml-4000 pg/ml
Sensitivity	< 15.6 pg/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 KLK2 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for hK 2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any hK 2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for hK 2 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 hK 2 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	50363237
NCBI GeneID	3817
NCBI Accession #	NP_001002231.1
NCBI GenBank Nucleotide #	NM_001002231.2
UniProt Accession #	P20151; Q15946; Q9UJZ9; B4DU93; B4DUB0; F5H8L3
Molecular Weight	28,671 Da
NCBI Official Full Name	kallikrein-2 isoform 2 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; tissue kallikrein-2; glandular kallikrein 2; glandular kallikrein-1; kallikrein 2, prostatic
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/klk2-human-elisa-kits/kallikrein-related-peptidase-2/15640>