

Kininogen ELISA Kit | KNG1 elisa kit

Human Kininogen total antigen assay ELISA kit

CATALOG #
AAA37853

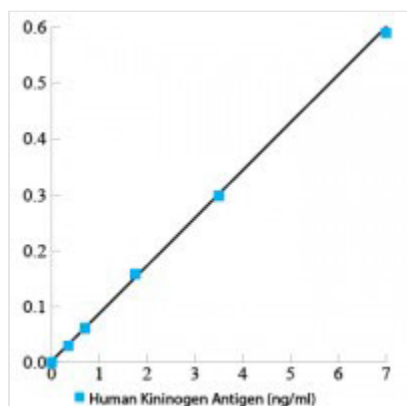
PRODUCT SYNONYMS

Kininogen; Human Kininogen total antigen assay ELISA kit; KNG1 elisa kit

PRODUCT SPECIFICATIONS

Sequence Length	427
Preparation and Storage	Store at 4 degree C

IMAGES



Application Data

ADDITIONAL INFORMATION

Related Product Information for KNG1 elisa kit

High molecular weight kininogen (HK, aka Fitzgerald Factor) is the single chain 626 amino acid 120kDa glycoprotein precursor of the vasoactive peptide bradykinin. Kininogen is an important cofactor for the activation of zymogens prekallikrein, Factor XII, and Factor XI in the contact activation or intrinsic coagulation pathway. Additionally kininogen is a major inhibitor of systemic cysteine proteinases such as cathepsins, calpain and papain. The sensitive quantitative measurement of total human kininogen antigen in plasma and serum samples is easily performed with this 96 well strip format ELISA kit. The concentration of kininogen in normal human plasma is 65-115 ug/ml with an average concentration of 83 ug/ml. The assay measures human kininogen in the 0.07-70 ng/ml range. Samples giving human kininogen levels above 70 ug/ml should be diluted in blocking buffer before use. A 1:10,000-1:50,000 dilution for plasma is suggested for best results. Human kininogen will bind to the affinity purified capture antibody coated on the microtiter plate. After appropriate washing steps, horseradish peroxidase conjugated polyclonal anti-human kininogen primary antibody binds to the captured protein. Following an additional washing step, TMB substrate is used for color development at 450nm. Color development is proportional to the concentration of kininogen in the samples. A standard calibration curve is prepared using dilutions of purified kininogen and is measured along with the test samples. All reagents and standards are provided in these ELISA kits.

Product Categories/Family for KNG1 elisa kit

[CLOTTING FACTOR ELISA Kits](#); [Human Kininogen ELISA Kits](#); [Human Kits](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	386853
NCBI GeneID	3827
Molecular Weight	43,822 Da
NCBI Official Full Name	kininogen
NCBI Official Synonym Full Names	kininogen 1
NCBI Official Symbol	KNG1
NCBI Official Synonym Symbols	BK; BDK; KNG
NCBI Protein Information	kininogen-1
UniProt Protein Name	Kininogen-1
UniProt Gene Name	KNG1
UniProt Synonym Gene Names	BDK; KNG; HMWK
UniProt Entry Name	KNG1_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/elisa-kits/kininogen/37853>