

Human Kininogen-1 ELISA Kit | KNG1 elisa kit

Human Kininogen-1 ELISA Kit

CATALOG #
AAA101583

REACTIVITY
Human

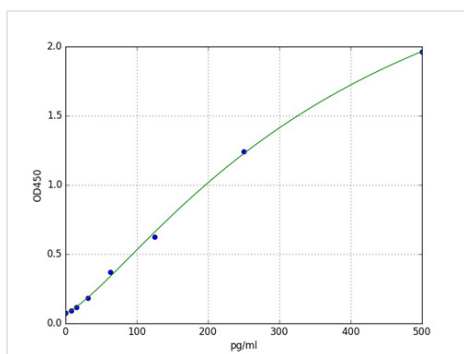
PRODUCT SYNONYMS

Kininogen-1; Human Kininogen-1 ELISA Kit; KNG1 (Kininogen 1)/Alpha-2-thiol proteinase inhibitor/BDK/bradykinin/Fitzgerald factor/High molecular weight kininogen/kininogen/kininogen-1/KNGHMWK/Williams-Fitzgerald-Flaujeac factor; KNG1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	644
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.391-25ng/ml
Sensitivity	0.234ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human KNG1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	7.8	15.6	31.2	62.5	125	250	500
Y	OD450	0.012	0.063	0.094	0.196	0.419	0.825	1.714	2.655

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KNG1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human KNG1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human KNG1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human KNG1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human KNG1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	156231037
NCBI GeneID	3827
NCBI Accession #	NP_001095886.1
NCBI GenBank Nucleotide #	NM_001102416.2
Molecular Weight	43,822 Da
NCBI Official Full Name	kininogen-1 isoform 1
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/kng1-human-elisa-kits/kininogen-1/101583>