

Human Gastrokeine 1 ELISA Kit | GKN1 elisa kit

Human Gastrokeine 1 ELISA Kit

CATALOG #
AAA85812

REACTIVITY
Human

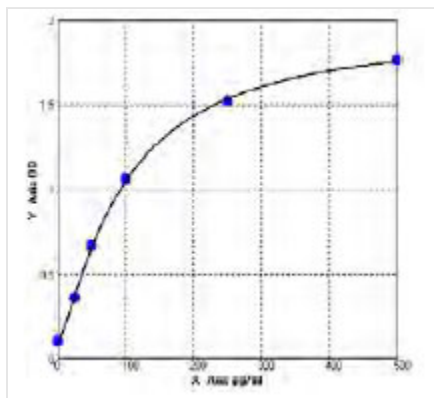
PRODUCT SYNONYMS

Gastrokine 1; Human Gastrokeine 1 ELISA Kit; GKN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of GKN1. No significant cross-reactivity or interference between GKN1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between GKN1 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GKN1 elisa kit	Intended Uses: This GKN1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human GKN1. This ELISA kit for research use only! Principle of the Assay: GKN1 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for GKN1. Standards or samples are then added to the microtiter plate wells and GKN1 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of GKN1 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for GKN1 are added to each well to "sandwich" the GKN1 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain GKN1 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GKN1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for GKN1 elisa kit	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	94538357
NCBI GeneID	56287
NCBI Accession #	NP_062563.3
NCBI GenBank Nucleotide #	NM_019617.3
Molecular Weight	21,999 Da
NCBI Official Full Name	gastrokine-1
NCBI Official Synonym Full Names	gastrokine 1
NCBI Official Symbol	GKN1
NCBI Official Synonym Symbols	FOV; CA11; AMP18; BRICD1; foveolin
NCBI Protein Information	gastrokine-1; AMP-18; BRICHOS domain containing 1; 18 kDa antrum mucosa protein
UniProt Protein Name	Gastrokine-1
UniProt Gene Name	GKN1
UniProt Synonym Gene Names	AMP18; CA11; UNQ489/PRO1005; AMP-18
UniProt Entry Name	GKN1_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/gkn1-human-elisa-kits/gastrokine-1/85812>