

Porcine Gastrokine 2 ELISA Kit | GKN2 elisa kit

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CATALOG #
AAA89584

REACTIVITY
Porcine

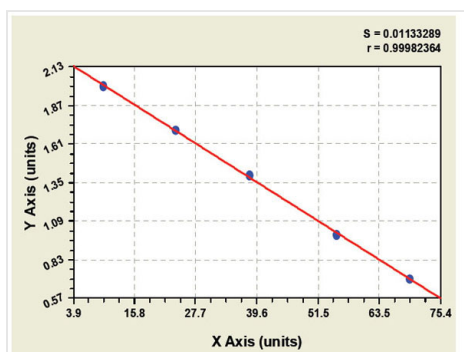
PRODUCT SYNONYMS

Gastrokine 2; Porcine Gastrokine 2 ELISA Kit; GKN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Intended Uses	This GKN2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine GKN2. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GKN2 elisa kit

Principle of the Assay: GKN2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GKN2 antibody and an GKN2-HRP conjugate. The assay sample and buffer are incubated together with GKN2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the GKN2 concentration since GKN2 from samples and GKN2-HRP conjugate compete for the anti-GKN2 antibody binding site. Since the number of sites is limited, as more sites are occupied by GKN2 from the sample, fewer sites are left to bind GKN2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GKN2 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for GKN2 elisa kit

Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	59858535
NCBI GeneID	200504
NCBI Accession #	NP_872342.2
NCBI GenBank Nucleotide #	NM_182536.2
Molecular Weight	20,487 Da
NCBI Official Full Name	gastrokine-2
NCBI Official Synonym Full Names	gastrokine 2
NCBI Official Symbol	GKN2
NCBI Official Synonym Symbols	GDDR; TFIZ1; PRO813; BRICD1B; VLT1465
NCBI Protein Information	gastrokine-2; blottin; BRICHOS domain containing 1B; trefoil factor interactions(z) 1; down regulated in gastric cancer GDDR; down-regulated in gastric cancer GDDR
UniProt Protein Name	Gastrokine-2
UniProt Gene Name	GKN2
UniProt Synonym Gene Names	BLOT; GDDR; TFIZ1; UNQ465/PRO813
UniProt Entry Name	GKN2_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://www.aaabiotech.com/gkn2-porcine-elisa-kits/gastrokine-2/89584>