

Rat Gastrokine 2 ELISA Kit | GKN2 elisa kit

Rat Gastrokine 2 ELISA Kit

CATALOG #
AAA101769

REACTIVITY
Rat

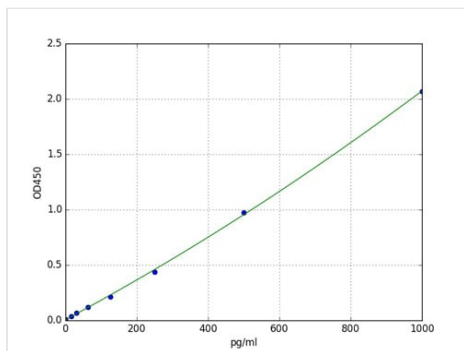
PRODUCT SYNONYMS

Gastrokine 2; Rat Gastrokine 2 ELISA Kit; GKN2/Gastrokine-2/Blottin/Gastrokine 2; GKN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	184
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/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 Rat GKN2 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	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.010	0.099	0.213	0.468	0.799	1.319	1.768	2.398

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GKN2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat GKN2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat GKN2 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. HRP-Streptavidin 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 Rat GKN2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat GKN2 can be calculated.

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
UniProt Protein Name	Gastrokine-2
UniProt Gene Name	GKN2
UniProt Synonym Gene Names	BLOT; GDDR; TFIZ1
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://stage.aaabiotech.com/gkn2-rat-elisa-kits/gastrokine-2/101769>