

Human Guanylate Cyclase Activator 2B ELISA Kit | GUCA2B elisa kit

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CATALOG #
AAA100133

REACTIVITY
Human

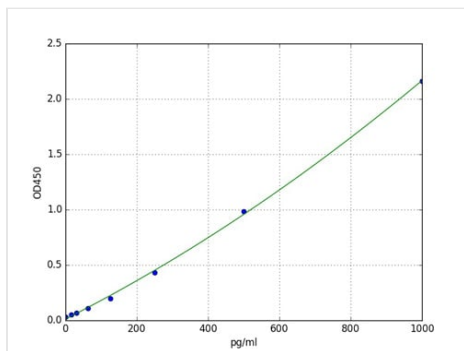
PRODUCT SYNONYMS

Guanylate Cyclase Activator 2B; Human Guanylate Cyclase Activator 2B ELISA Kit; GUCA2B; GUCA2B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	112
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



Typical Data & Standard Curve

Results of a typical standard run of a Human GUCA2B 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	0.047	0.123	0.201	0.325	0.534	1.020	1.706	2.548

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GUCA2B elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human GUCA2B antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human GUCA2B 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 Human GUCA2B amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human GUCA2B can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6005774
NCBI GeneID	2981
NCBI Accession #	NP_009033.1
NCBI GenBank Nucleotide #	NM_007102.2
Molecular Weight	12,069 Da
NCBI Official Full Name	guanylate cyclase activator 2B preproprotein
NCBI Official Synonym Full Names	guanylate cyclase activator 2B
NCBI Official Symbol	GUCA2B
NCBI Official Synonym Symbols	UGN; GCAP-II
NCBI Protein Information	guanylate cyclase activator 2B
UniProt Protein Name	Guanylate cyclase activator 2B
UniProt Gene Name	GUCA2B
UniProt Synonym Gene Names	GCAP-II; UGN
UniProt Entry Name	GUC2B_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/guca2b-human-elisa-kits/guanylate-cyclase-activator-2b/100133>