

Rat Glia Derived Nexin ELISA Kit | GDN elisa kit

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CATALOG #
AAA98715

REACTIVITY
Rat

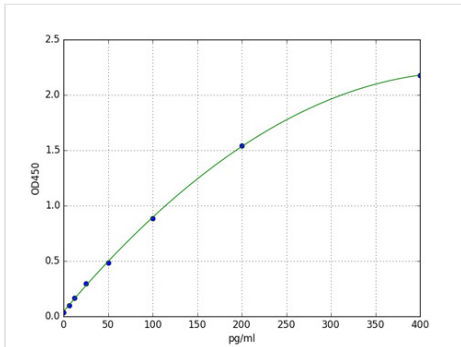
PRODUCT SYNONYMS

Glia Derived Nexin; Rat Glia Derived Nexin ELISA Kit; GDN/GdNPF/Proteinase Nexin 1/GDNserine (or cysteine) proteinase inhibitor; clade E (nexin; plasminogenactivator inhibitor type 1); member 2/glia-derived nexin/glia-derived neurite promoting factor/Peptidase inhibitor 7/PI-7/PI7DKFZp686A13110/PN-1/PN1nexin/PNI/Protease nexin 1/Protease nexin I/Serpin E2/serpin peptidase inhibitor; plasminogen activator inhibitor type 1); member 2; GDN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	409
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	6.25-400pg/ml
Sensitivity	3.75pg/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 GDN 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	6.25	12.5	25	50	100	200	400
Y	OD450	0.028	0.066	0.098	0.164	0.302	0.723	1.314	2.172

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GDN elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	211904156
NCBI GeneID	5270
NCBI Accession #	NP_001130002.1
NCBI GenBank Nucleotide #	NM_001136530.1
Molecular Weight	45,267 Da
NCBI Official Full Name	glia-derived nexin isoform c
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 2
NCBI Official Symbol	SERPINE2
NCBI Official Synonym Symbols	GDN; PI7; PN1; PNI; PI-7; PN-1; GDNPF
NCBI Protein Information	glia-derived nexin
UniProt Protein Name	Glia-derived nexin
UniProt Gene Name	SERPINE2
UniProt Synonym Gene Names	PI7; PN1; GDN; PI-7; PN-1
UniProt Entry Name	GDN_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/gdn-rat-elisa-kits/glia-derived-nexin/98715>