

Human Glia Derived Nexin (GDN) ELISA Kit | GDN elisa kit

Human Glia Derived Nexin (GDN) Wide-range ELISA Kit

CATALOG #
AAA147552

REACTIVITY
Human

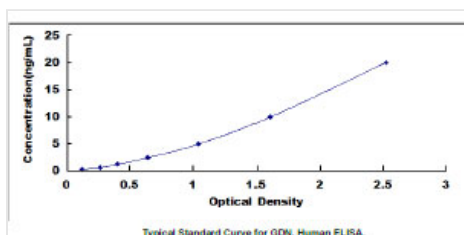
PRODUCT SYNONYMS

Glia Derived Nexin (GDN); Human Glia Derived Nexin (GDN) Wide-range ELISA Kit; SERPINE2; PI7; PN1; PNI; Protease Nexin I; Serpin Peptidase Inhibitor Clade E Member 2; Peptidase inhibitor 7; Protease nexin I; GDN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Wide-range Glia Derived Nexin (GDN). No significant cross-reactivity or interference between Wide-range Glia Derived Nexin (GDN) and analogues was observed.
Sequence Length	397
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	0.127ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Wide-range Glia Derived Nexin (GDN) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Wide-range Glia Derived Nexin (GDN) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GDN elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Wide-range Glia Derived Nexin (GDN). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Wide-range Glia Derived Nexin (GDN). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Wide-range Glia Derived Nexin (GDN), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Wide-range Glia Derived Nexin (GDN) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for GDN elisa kit	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	211904152
NCBI GeneID	5270
NCBI Accession #	NP_001130000.1
NCBI GenBank Nucleotide #	NM_001136528.1
UniProt Accession #	P07093; Q53S15; Q5D0C4; B2R6A4; B4DIF2
Molecular Weight	45,267 Da
NCBI Official Full Name	glia-derived nexin isoform b
NCBI Official Synonym Full Names	serpin family E 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

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/human-elisa-kits/glia-derived-nexin-gdn/147552>