

Human Glia Derived Nexin ELISA Kit | GDN elisa kit

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CATALOG #
AAA100187

REACTIVITY
Human

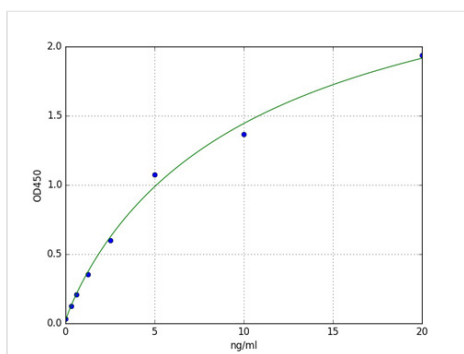
PRODUCT SYNONYMS

Glia Derived Nexin; Human 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 inhibitorytype 1); member 2; GDN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of GDN. No significant cross-reactivity or interference between GDN and analogues was observed.
Sequence Length	409
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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)

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. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/gdn-human-elisa-kits/glia-derived-nexin/100187>