

Human Glia-Derived Nexin (SERPINE2) ELISA Kit | GDN elisa kit

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CATALOG #
AAA330902

REACTIVITY
Human

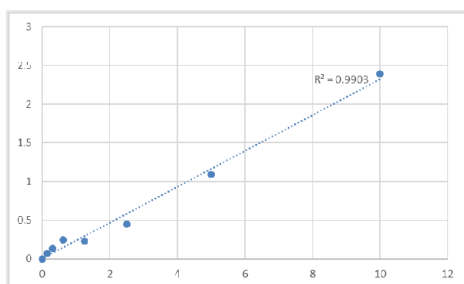
PRODUCT SYNONYMS

Glia-Derived Nexin (SERPINE2); Human Glia-Derived Nexin (SERPINE2) ELISA Kit; SERPINE2; PI7; PN1; PNI; OTTHUMP00000203766; glial-derived neurite promoting factor; glial-derived nexin 1; plasminogen activator inhibitor type 1; member 2; protease inhibitor 7 (protease nexin I); serine (o; GDN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Glia-derived nexin (SERPINE2) ELISA Kit has high sensitivity and excellent specificity for detection of Human SERPINE2. No significant cross-reactivity or interference between Human SERPINE2 and analogues was observed.
Sequence Length	398
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	2 ng/L - 32 ng/L
Sensitivity	< 0.1 ng/L
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Glia-derived nexin (SERPINE2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for GDN elisa kit	Principle of the Assay: Human Glia-derived nexin (SERPINE2) ELISA Kit employs a two-site sandwich ELISA to quantitate SERPINE2 in samples. An antibody specific for Human SERPINE2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SERPINE2 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated SERPINE2 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of SERPINE2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	121110
NCBI GeneID	5270
UniProt Accession #	P07093
NCBI Official Full Name	Glia-derived nexin
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
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.