

Mouse serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1) , member 2 ELISA Kit | SERPINE2 elisa kit

Mouse Glia-derived nexin, SERPINE2 ELISA Kit

CATALOG #
AAA18235

REACTIVITY
Mouse

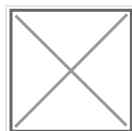
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse SERPINE2. No significant cross-reactivity or interference between mouse SERPINE2 and analogues was observed.
Sequence Length	397
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	3.12 pg/ml-200 pg/ml
Sensitivity	< 0.78 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SERPINE2 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for 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, a biotin-conjugated antibody specific for SERPINE2 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6678099
NCBI GeneID	20720
NCBI Accession #	NP_033281.1
NCBI GenBank Nucleotide #	NM_009255.4
UniProt Accession #	Q07235; Q921T7
Molecular Weight	44,207 Da
NCBI Official Full Name	glia-derived nexin
NCBI Official Synonym Full Names	serine (or cysteine) peptidase inhibitor, clade E, member 2
NCBI Official Symbol	Serpine2
NCBI Official Synonym Symbols	PI7; PI-7; PN-1; Spi4; PAI-1; B230326M24Rik
NCBI Protein Information	glia-derived nexin; GDN; serpin E2; protease nexin 1; protease nexin I; peptidase inhibitor 7; serine protease inhibitor 4; serine protease-inhibitor 4; serine (or cysteine) proteinase inhibitor, clade E, member 2; serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 2
UniProt Protein Name	Glia-derived nexin
UniProt Gene Name	Serpine2
UniProt Synonym Gene Names	Pi7; Pn1; Spi4; GDN; PI-7; PN-1
UniProt Entry Name	GDN_MOUSE

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/serpine2-mouse-elisa-kits/serpin-peptidase-inhibitor-clade-e-nexin-plasminogen-activator-inhibitor-type-1-member-2/18235>