

Mouse SerpinE2 ELISA Kit | SERPINE2 elisa kit

Mouse SerpinE2 PicoKine ELISA Kit

CATALOG #
AAA125082

REACTIVITY
Mouse

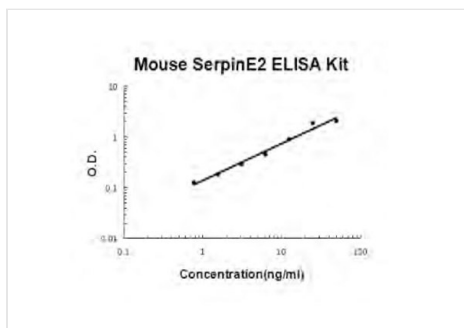
PRODUCT SYNONYMS

SerpinE2; Mouse SerpinE2 PicoKine ELISA Kit; Mouse SerpinE2; SERPINE2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse Serpine2
Sequence Length	397
Samples	Cell culture supernates, serum and plasma(heparin, edta, citrate),urine
Detection Range	0.78ng/ml-50ng/ml
Sensitivity	<0.1ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays): Three samples of known concentration were tested in separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SERPINE2 elisa kit	Principle of the Assay: The Picokine™ Mouse Serpine2 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Mouse Serpine2 with a 96-well strip plate that is pre-coated with antibody specific for Serpine2. The detection antibody is a biotinylated antibody specific for Serpine2. The capture antibody is A polyclonal antibody from goat, the detection antibody is a biotinylated detection polyclonal antibody from goat. The kit contains recombinant Mouse Serpine2 with immunogen: Expression system for standard: NSO, Immunogen sequence: S20-P397. The kit is analytically validated with ready to use reagents. To measure Mouse Serpine2, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly proportional to Mouse Serpine2 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Mouse Serpine2 in the sample. Background/Introduction: Glia-derived nexin is a protein that in humans is encoded by the SERPINE2 gene. This gene is mapped to 1 C4; 1 40.97 cM. SERPINE2 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 386 aminoacids (20-397a.a.) and having a molecular mass of 42.9kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa). SERPINE2 is expressed with a 8 aminoacid His tag at C Terminus and purified by proprietary chromatographic techniques. This gene displays neurite promoting activity and serine protease inhibitory activity.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27769056
NCBI GeneID	5270
NCBI Official Full Name	SERPINE2 protein
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

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/mouse-elisa-kits/serpine2/125082>