

Rat Serine protease inhibitor A3N ELISA Kit | Serpina3n elisa kit

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CATALOG #
AAA56408

REACTIVITY
Rat

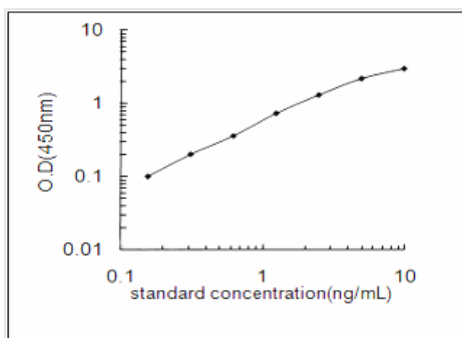
PRODUCT SYNONYMS

Serine protease inhibitor A3N; Rat Serine protease inhibitor A3N ELISA Kit; Serpina3n elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Serpin A3N. No significant cross-reactivity or interference was observed.
Sequence Length	408
Assay Type	Sandwich
Detection Range	0.156-10 ng/ml
Sensitivity	0.078 ng/mL
Intra-Assay CV	<=4.6%
Inter-Assay CV	<=8.0%
Recovery	94%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Serpina3n elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Serpin A3N. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Serpin A3N and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Serpin A3N, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of Serpin A3N in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13928716
NCBI GeneID	24795
NCBI Accession #	NP_113719.1
NCBI GenBank Nucleotide #	NM_031531.1
UniProt Accession #	P09006; Q03312
Molecular Weight	46,652 Da
NCBI Official Full Name	serine protease inhibitor A3N
NCBI Official Synonym Full Names	serine (or cysteine) peptidase inhibitor, clade A, member 3N
NCBI Official Symbol	Serpina3n
NCBI Official Synonym Symbols	SPI3; Spin3; CPI-26; Spin2c; Spi-2.2
NCBI Protein Information	serine protease inhibitor A3N
UniProt Protein Name	Serine protease inhibitor A3N
UniProt Gene Name	Serpina3n
UniProt Synonym Gene Names	Spin2c; Serpin A3N; SPI-3
UniProt Entry Name	SPA3N_RAT

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/serpina3n-rat-elisa-kits/serine-protease-inhibitor-a3n/56408>