

Rat Serine Protease Inhibitor A3K (Serpina3K) ELISA Kit | Serpina3K elisa kit

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 CATALOG #
AAA121200

 REACTIVITY
Rat

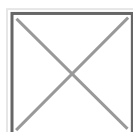
PRODUCT SYNONYMS

Serine Protease Inhibitor A3K (Serpina3K); Rat Serine Protease Inhibitor A3K (Serpina3K) ELISA Kit; Serpina3K elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	416
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	10ng/L - 2000ng/L
Sensitivity	5.56ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Serpina3K elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Serine Protease Inhibitor A3K (also known as Serpina3K) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat Serpina3K antibody. Serpina3K present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat Serpina3K Antibody is added and binds to Serpina3K in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Serpina3K antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat Serpina3K. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	347800746
NCBI GeneID	24794

NCBI Accession #	NP_036789.2
NCBI GenBank Nucleotide #	NM_012657.2
UniProt Accession #	P05545 ; P14281 ; Q64254 ; Q6P6G8
Molecular Weight	46,562 Da
NCBI Official Full Name	serine protease inhibitor A3K
NCBI Official Synonym Full Names	serine (or cysteine) proteinase inhibitor, clade A, member 3C
NCBI Official Symbol	Serpina3c
NCBI Official Synonym Symbols	Kbp; SPI2; Klkbp; SPI-2; Spin2; CPI-21; Spin2b; GHR-P63; SPI-2.3; Serpina3k
NCBI Protein Information	serine protease inhibitor A3K
UniProt Protein Name	Serine protease inhibitor A3K
UniProt Gene Name	Serpina3k
UniProt Synonym Gene Names	Spin2b; Serpin A3K; KBP; SPI-2

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/rat-elisa-kits/serine-protease-inhibitor-a3k-serpina3k/121200>