

Mouse Serine Protease Inhibitor A3K (Serpina3K) ELISA Kit | Serpina3c elisa kit

Mouse Serine Protease Inhibitor A3K (Serpina3K) ELISA Kit

CATALOG #
AAA121615

REACTIVITY
Mouse

PRODUCT SYNONYMS

Serine Protease Inhibitor A3K (Serpina3K); Mouse Serine Protease Inhibitor A3K (Serpina3K) ELISA Kit; Serpina3c elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	416
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	25-1600ng/L
Sensitivity	14.01ng/L
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. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 Serpina3c elisa kit

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse Serpina3K antibody. Serpina3K present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse 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 Mouse Serpina3K. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/serine-protease-inhibitor-a3k-serpina3k/121615>