

Rat Visceral Adipose Tissue Derived Serine Protease Inhibitor (Vaspin) ELISA Kit | Serpina12 elisa kit

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CATALOG # AAA64059	REACTIVITY Rat
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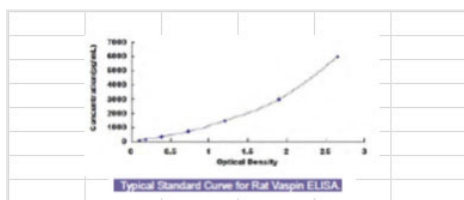
PRODUCT SYNONYMS

Visceral Adipose Tissue Derived Serine Protease Inhibitor (Vaspin); Rat Visceral Adipose Tissue Derived Serine Protease Inhibitor (Vaspin) ELISA Kit; SERPINA12; OL-64; Visceral Adipose-Specific SERPIN; Serine Proteinase Inhibitor; Clade A Member 12; Visceral adipose-specific serpin; Serpina12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Vaspin. No significant cross-reactivity or interference between Vaspin and analogues was observed.
Sequence Length	411
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	93.75-6000pg/mL
Sensitivity	33.7pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Vaspin were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Vaspin were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Serpina12 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of Vaspin in rat serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Vaspin. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to Vaspin. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Vaspin, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Vaspin in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	76363413
NCBI GeneID	191570
UniProt Accession #	Q8R4Z1
Molecular Weight	47,527 Da
NCBI Official Full Name	Serpin A12
NCBI Official Synonym Full Names	serpin family A member 12
NCBI Official Symbol	Serpina12
NCBI Official Synonym Symbols	Ol64; OI-64
NCBI Protein Information	serpin A12
UniProt Protein Name	Serpin A12
UniProt Gene Name	Serpina12
UniProt Synonym Gene Names	Vaspin

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/visceral-adipose-tissue-derived-serine-protease-inhibitor-vaspin/64059>