

Rat Serpin A12 ELISA Kit | SERPINA12 elisa kit

Rat Serpin A12 PicoKine ELISA Kit

CATALOG #
AAA125177

REACTIVITY
Rat

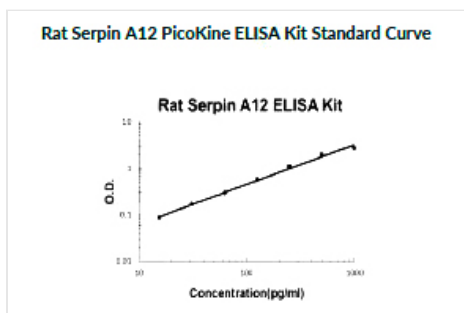
PRODUCT SYNONYMS

Serpin A12; Rat Serpin A12 PicoKine ELISA Kit; Rat Serpin A12; serpin family A member 12; Visceral adipose tissue-derived serine protease inhibitor; Vaspin; Visceral adipose-specific serpin; Serpina12; SERPINA12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Natural and recombinant Rat Serpina12
Sequence Length	411
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Detection Range	15.6pg/ml-1000pg/ml
Sensitivity	<10pg/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.
Preparation and Storage	Store at 4 degree C for 6 months. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SERPINA12 elisa kit	Principle of the Assay: The Picokine™ Rat Serpina12 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Rat Serpina12 with a 96-well strip plate that is pre-coated with antibody specific for Serpina12. The detection antibody is a biotinylated antibody specific for Serpina12. The capture antibody is a monoclonal antibody from mouse, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Rat Serpina12 with immunogen: Expression system for standard: NSO, Immunogen sequence: L21-P411. The kit is analytically validated with ready to use reagents. To measure Rat Serpina12, 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 Rat Serpina12 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 Rat Serpina12 in the sample.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	76363413
UniProt Accession #	Q8R4Z1
NCBI Official Full Name	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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/serpina12-rat-elisa-kits/serpin-a12/125177>