

Canine Visceral adipose Tissue Derived Serine Protease Inhibitor ELISA Kit | VASPIN elisa kit

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CATALOG # AAA90714	REACTIVITY Canine
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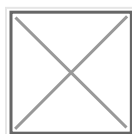
PRODUCT SYNONYMS

Visceral adipose Tissue Derived Serine Protease Inhibitor; Canine Visceral adipose Tissue Derived Serine Protease Inhibitor ELISA Kit; VASPIN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This VASPIN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine VASPIN. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VASPIN elisa kit	Principle of the Assay: VASPIN ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-VASPIN antibody and an VASPIN-HRP conjugate. The assay sample and buffer are incubated together with VASPIN-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the VASPIN concentration since VASPIN from samples and VASPIN-HRP conjugate compete for the anti-VASPIN antibody binding site. Since the number of sites is limited, as more sites are occupied by VASPIN from the sample, fewer sites are left to bind VASPIN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The VASPIN concentration in each sample is interpolated from this standard curve.
Product Categories/Family for VASPIN elisa kit	Signal Transduction

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.

