

Canine Acylation Stimulating Protein ELISA Kit | ASP elisa kit

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CATALOG #
AAA91931

REACTIVITY
Canine

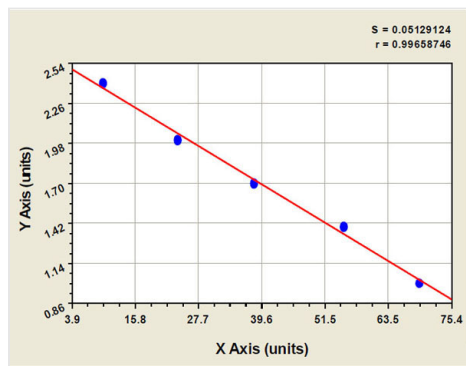
PRODUCT SYNONYMS

Acylation Stimulating Protein; Canine Acylation Stimulating Protein ELISA Kit; ASP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	10-250ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This ASP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine ASP. 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 ASP elisa kit

Principle of the assay: ASP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ASP antibody and an ASP-HRP conjugate. The assay sample and buffer are incubated together with ASP-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 ASP concentration since ASP from samples and ASP-HRP conjugate compete for the anti-ASP antibody binding site. Since the number of sites is limited, as more sites are occupied by ASP from the sample, fewer sites are left to bind ASP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ASP concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	118600977
NCBI GeneID	27151
NCBI Accession #	NP_056507.2
NCBI GenBank Nucleotide #	NM_015692.2
Molecular Weight	199,171 Da
NCBI Official Full Name	C3 and PZP-like alpha-2-macroglobulin domain-containing protein 8
NCBI Official Synonym Full Names	C3 and PZP-like, alpha-2-macroglobulin domain containing 8
NCBI Official Symbol	CPAMD8
NCBI Official Synonym Symbols	VIP; K-CAP
NCBI Protein Information	C3 and PZP-like alpha-2-macroglobulin domain-containing protein 8; alpha-2 macroglobulin family protein VIP
UniProt Protein Name	C3 and PZP-like alpha-2-macroglobulin domain-containing protein 8
UniProt Gene Name	CPAMD8
UniProt Synonym Gene Names	KIAA1283
UniProt Entry Name	CPMD8_HUMAN

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.