

Canine VAV1 Oncogene ELISA Kit | VAV1 elisa kit

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CATALOG #
AAA247473

REACTIVITY
Canine

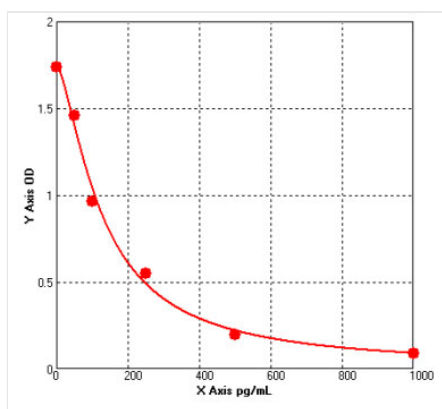
PRODUCT SYNONYMS

VAV1 Oncogene; Canine VAV1 Oncogene ELISA Kit; VAV1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	This assay has high sensitivity and excellent specificity for detection of VAV1. No significant cross-reactivity or interference between VAV1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between VAV1 and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	842
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Reactivity Note	No significant cross-reactivity or interference between this antigen and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection, therefore, cross reaction may still exist in some cases.
Preparation and Storage	Store at 2-8 degree C. The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for VAV1 elisa kit	Principle of the Assay: VAV1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-VAV1 antibody and an VAV1-HRP conjugate. The assay sample and buffer are incubated together with VAV1-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 VAV1 concentration since VAV1 from samples and VAV1-HRP conjugate compete for the anti-VAV1 antibody binding site. Since the number of sites is limited, as more sites are occupied by VAV1 from the sample, fewer sites are left to bind VAV1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The VAV1 concentration in each sample is interpolated from this standard curve. Intended Uses: This VAV1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine VAV1. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for VAV1 elisa kit	Signal Transduction; Epigenetics and Nuclear Signaling; Cancer; Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	119589464
NCBI GeneID	7409
Molecular Weight	94,493 Da
NCBI Official Full Name	vav 1 oncogene, isoform CRA_b
NCBI Official Synonym Full Names	vav guanine nucleotide exchange factor 1
NCBI Official Symbol	VAV1
NCBI Official Synonym Symbols	VAV
NCBI Protein Information	proto-oncogene vav
UniProt Protein Name	Proto-oncogene vav
UniProt Gene Name	VAV1
UniProt Synonym Gene Names	VAV

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/canine-elisa-kits/vav1-oncogene/247473>