

Canine Caveolin-1, Cav-1 ELISA Kit | Cav-1 elisa kit

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CATALOG #
AAA43534

REACTIVITY
Canine

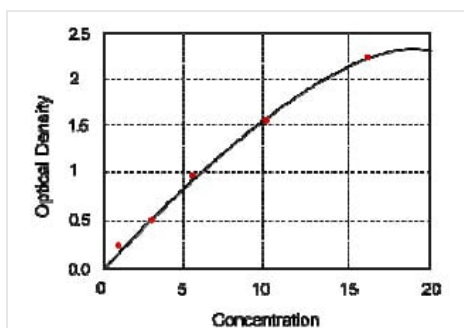
PRODUCT SYNONYMS

Caveolin-1; Cav-1; Canine Caveolin-1; Cav-1 ELISA Kit; Cav-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	147
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	20pg/ml - 6000pg/ml
Sensitivity	10.68pg/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. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cav-1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Canine Caveolin-1 (also known as Cav-1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Canine Cav-1 antibody. Cav-1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine Cav-1 Antibody is added and binds to Cav-1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Cav-1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Canine Cav-1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	340139110
NCBI GeneID	12389
NCBI Accession #	NP_001229993.1
NCBI GenBank Nucleotide #	NM_001243064.1
UniProt Accession #	P49817; Q8C1X7; Q8CBP4; Q9QYH3; Q9QYH4
Molecular Weight	17,090 Da
NCBI Official Full Name	caveolin-1 isoform 2
NCBI Official Synonym Full Names	caveolin 1, caveolae protein
NCBI Official Symbol	Cav1
NCBI Official Synonym Symbols	Cav; Cav-1
NCBI Protein Information	caveolin-1
UniProt Protein Name	Caveolin-1
UniProt Gene Name	Cav1
UniProt Synonym Gene Names	Cav

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/caveolin-1-cav-1/43534>