

Canine Intercellular adhesion molecule 1, ICAM-1 ELISA Kit | ICAM-1 elisa kit

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CATALOG #
AAA43342

REACTIVITY
Canine

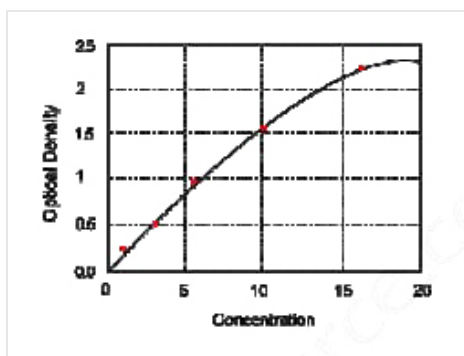
PRODUCT SYNONYMS

Intercellular adhesion molecule 1; ICAM-1; Canine Intercellular adhesion molecule 1; ICAM-1 ELISA Kit; ICAM-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	532
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	5ng/L-1000ng/L
Sensitivity	3.16ng/L
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 ICAM-1 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Canine High Sensitivity Cardiac Troponin T (also known as HS-CTNT) 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 HS-CTNT antibody. HS-CTNT present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine HS-CTNT Antibody is added and binds to HS-CTNT in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated HS-CTNT 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 HS-CTNT. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	167466198
NCBI GeneID	3383
NCBI Accession #	NP_000192.2
NCBI GenBank Nucleotide #	NM_000201.2
UniProt Accession #	P05362; Q5NKV7; Q96B50; B2R6M3
Molecular Weight	57,825 Da
NCBI Official Full Name	intercellular adhesion molecule 1
NCBI Official Synonym Full Names	intercellular adhesion molecule 1
NCBI Official Symbol	ICAM1
NCBI Official Synonym Symbols	BB2; CD54; P3.58
NCBI Protein Information	intercellular adhesion molecule 1
UniProt Protein Name	Intercellular adhesion molecule 1
UniProt Gene Name	ICAM1
UniProt Synonym Gene Names	ICAM-1

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/intercellular-adhesion-molecule-1-icam-1/43342>