

## Canine Vascular endothelial cell adhesion molecule-1, VCAM-1/CD106 ELISA Kit | VCAM-1/CD106 elisa kit

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CATALOG #  
**AAA43500**

REACTIVITY  
**Canine**

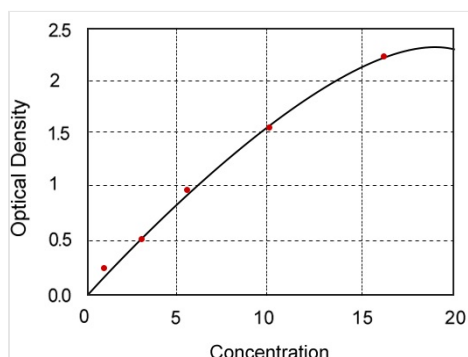
### PRODUCT SYNONYMS

Vascular endothelial cell adhesion molecule-1; VCAM-1/CD106; Canine Vascular endothelial cell adhesion molecule-1; VCAM-1/CD106 ELISA Kit; VCAM-1/CD106 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Canine                                                                   |
| Sequence Length         | 677                                                                      |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 0.5ng/ml - 200ng/ml                                                      |
| Sensitivity             | 0.25ng/ml                                                                |
| Intra-Assay             | CV<8%                                                                    |
| Inter-Assay             | CV<10%                                                                   |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                   |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| Related Product Information for VCAM-1/CD106 elisa kit | <p>Intended Uses: This sandwich kit is for the accurate quantitative detection of Canine Vascular endothelial cell adhesion molecule-1 (also known as VCAM-1/CD106) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.</p> <p>Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Canine VCAM-1/CD106 antibody. VCAM-1/CD106 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine VCAM-1/CD106 Antibody is added and binds to VCAM-1/CD106 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated VCAM-1/CD106 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 VCAM-1/CD106. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                            |
|----------------------------------|--------------------------------------------|
| NCBI GI #                        | 315434271                                  |
| NCBI GeneID                      | 7412                                       |
| NCBI Accession #                 | NP_001186763.1                             |
| NCBI GenBank Nucleotide #        | NM_001199834.1                             |
| UniProt Accession #              | P19320; Q6NUP8; A8K6R7; B4DKS4; E9PDD1     |
| Molecular Weight                 | 71,255 Da                                  |
| NCBI Official Full Name          | vascular cell adhesion protein 1 isoform c |
| NCBI Official Synonym Full Names | vascular cell adhesion molecule 1          |
| NCBI Official Symbol             | VCAM1                                      |
| NCBI Official Synonym Symbols    | CD106; INCAM-100                           |
| NCBI Protein Information         | vascular cell adhesion protein 1           |
| UniProt Protein Name             | Vascular cell adhesion protein 1           |
| UniProt Gene Name                | VCAM1                                      |
| UniProt Synonym Gene Names       | V-CAM 1; VCAM-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/vascular-endothelial-cell-adhesion-molecule-1-vcam-1-cd106/43500>