

## Canine CD5 Antigen-like/scavenger receptor cysteine rich family ELISA Kit | CD5L elisa kit

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CATALOG #  
**AAA89823**

REACTIVITY  
**Canine**

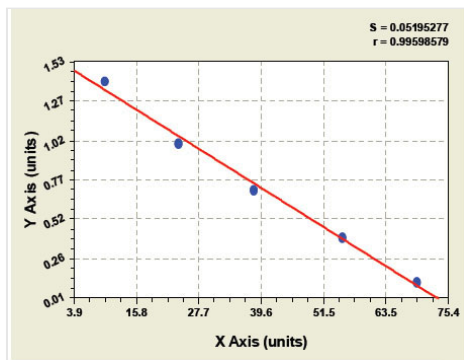
### PRODUCT SYNONYMS

CD5 Antigen-like/scavenger receptor cysteine rich family; Canine CD5 Antigen-like/scavenger receptor cysteine rich family ELISA Kit; CD5L elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Canine                                                                                                                                                                                  |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                              |
| Assay Type              | Competitive                                                                                                                                                                             |
| Detection Range         | 1.0-25ng/mL                                                                                                                                                                             |
| Sensitivity             | 0.1ng/mL                                                                                                                                                                                |
| Intended Uses           | This CD5L ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine CD5L. 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 CD5L elisa kit

**Principle of the Assay:** CD5L ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CD5L antibody and an CD5L-HRP conjugate. The assay sample and buffer are incubated together with CD5L-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 CD5L concentration since CD5L from samples and CD5L-HRP conjugate compete for the anti-CD5L antibody binding site. Since the number of sites is limited, as more sites are occupied by CD5L from the sample, fewer sites are left to bind CD5L-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD5L concentration in each sample is interpolated from this standard curve.

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 5174411                                                                                                                           |
| NCBI GeneID                      | 922                                                                                                                               |
| NCBI Accession #                 | NP_005885.1                                                                                                                       |
| NCBI GenBank Nucleotide #        | NM_005894.2                                                                                                                       |
| Molecular Weight                 | 38,088 Da                                                                                                                         |
| NCBI Official Full Name          | CD5 antigen-like                                                                                                                  |
| NCBI Official Synonym Full Names | CD5 molecule-like                                                                                                                 |
| NCBI Official Symbol             | CD5L                                                                                                                              |
| NCBI Official Synonym Symbols    | AIM; API6; PRO229; Spalpha; SP-ALPHA                                                                                              |
| NCBI Protein Information         | CD5 antigen-like; CT-2; apoptosis inhibitor 6; igM-associated peptide; CD5 antigen-like (scavenger receptor cysteine rich family) |
| UniProt Protein Name             | CD5 antigen-like                                                                                                                  |
| UniProt Gene Name                | <b>CD5L</b>                                                                                                                       |
| UniProt Synonym Gene Names       | API6; UNQ203/PRO229                                                                                                               |
| UniProt Entry Name               | CD5L_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.

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Online datasheet: <https://stage.aaabiotech.com/cd5l-canine-elisa-kits/cd5-antigen-like-scavenger-receptor-cysteine-rich-family/89823>