

## Canine Serum amyloid ELISA Kit | SAA elisa kit

Canine Serum amyloid ELISA Kit

CATALOG #  
**AAA91361**

REACTIVITY  
**Canine**

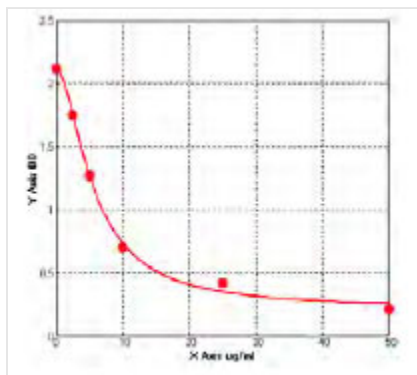
### PRODUCT SYNONYMS

Serum amyloid; Canine Serum amyloid ELISA Kit; SAA elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Canine                                                                                                                                                                                                                                                                                                                                                                             |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of SA. No significant cross-reactivity or interference between SA and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between SA and all the analogues, therefore, cross reaction may still exist in some cases. |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                         |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                           |
| Sensitivity             | 0.1 ug/mL                                                                                                                                                                                                                                                                                                                                                                          |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for SAA elisa kit | <p>Intended Uses: This SA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine SA. This ELISA kit for research use only!</p> <p>Principle of the Assay: SA ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-SA antibody and an SA-HRP conjugate. The assay sample and buffer are incubated together with SA-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 SA concentration since SA from samples and SA-HRP conjugate compete for the anti-SA antibody binding site. Since the number of sites is limited, as more sites are occupied by SA from the sample, fewer sites are left to bind SA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SA concentration in each sample is interpolated from this standard curve.</p> |
| Product Categories/Family for SAA elisa kit   | Cardiovascular                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

NCBI AND UNIPROT INFORMATION

|                               |                         |
|-------------------------------|-------------------------|
| NCBI GI #                     | 93352563                |
| NCBI GeneID                   | 678660                  |
| NCBI Accession #              | NP_001035288.1          |
| NCBI GenBank Nucleotide #     | NM_001040198.1          |
| NCBI Official Full Name       | serum amyloid A protein |
| NCBI Official Symbol          | SAA1                    |
| NCBI Official Synonym Symbols | SAA                     |
| NCBI Protein Information      | serum amyloid A protein |

**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://www.aaabiotech.com/saa-canine-elisa-kits/serum-amyloid/91361>