

## Canine arginine vasopressin, AVP ELISA Kit | AVP elisa kit

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CATALOG #  
**AAA19049**

REACTIVITY  
**Canine**

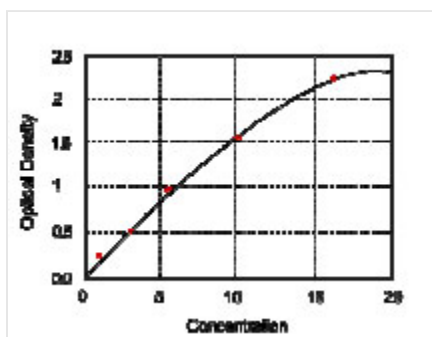
### PRODUCT SYNONYMS

arginine vasopressin; AVP; Canine arginine vasopressin; AVP ELISA Kit; AVP elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Canine                                                                                                                                                                                           |
| Sequence Length         | 17                                                                                                                                                                                               |
| Samples                 | Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids                                                                                                   |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                            |
| Detection Range         | 0.5-100ng/L                                                                                                                                                                                      |
| Sensitivity             | 0.32ng/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 AVP elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of Canine arginine vasopressin (also known as AVP) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

**Principle of the Assay:** This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Canine AVP antibody. AVP present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Canine AVP Antibody is added and binds to AVP in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated AVP 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 AVP. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                                  |                                    |
|----------------------------------|------------------------------------|
| NCBI GI #                        | 10334810                           |
| NCBI GeneID                      | 551                                |
| NCBI Official Full Name          | arginine vasopressin, partial      |
| NCBI Official Synonym Full Names | arginine vasopressin               |
| NCBI Official Symbol             | AVP                                |
| NCBI Official Synonym Symbols    | VP; ADH; ARVP; AVRP; AVP-NP11      |
| NCBI Protein Information         | vasopressin-neurophysin 2-copeptin |

**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/arginine-vasopressin-avp/19049>