

## Rat diuretic hormone/vasopressin/arginine vasopressin ELISA Kit | ADH/VP/AVP elisa kit

Rat antidiuretic hormone/vasopressin/arginine vasopressin ELISA Kit

CATALOG #  
**AAA82880**

REACTIVITY  
**Rat**

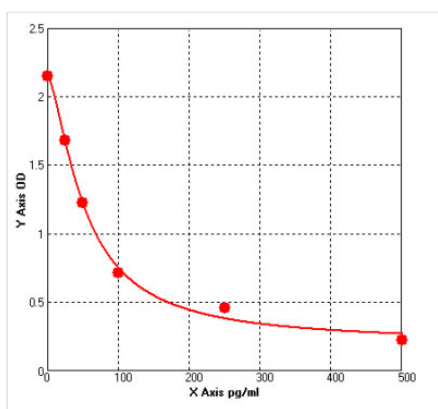
### PRODUCT SYNONYMS

diuretic hormone/vasopressin/arginine vasopressin; Rat antidiuretic hormone/vasopressin/arginine vasopressin ELISA Kit; antidiuretic hormone/vasopressin/arginine vasopressin; antidiuretic hormone/vasopressin/arginine vasopressin (Rat); ADH/VP/AVP elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                                                                                                                                                                                                                                                                                                                   |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of ADH. No significant cross-reactivity or interference between ADH and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ADH and all the analogues, therefore, cross reaction may still exist in some cases. |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                              |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                            |
| Sensitivity             | 1.0 pg/mL                                                                                                                                                                                                                                                                                                                                                                             |
| Preparation and Storage | Store all reagents at 2-8 degree C                                                                                                                                                                                                                                                                                                                                                    |

### IMAGES



Standard Curve (Sample)

## ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for ADH/VP/AVP elisa kit | <p>Principle of the Assay: ADH ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ADH antibody and an ADH-HRP conjugate. The assay sample and buffer are incubated together with ADH-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 ADH concentration since ADH from samples and ADH-HRP conjugate compete for the anti-ADH antibody binding site. Since the number of sites is limited, as more sites are occupied by ADH from the sample, fewer sites are left to bind ADH-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ADH concentration in each sample is interpolated from this standard curve.</p> <p>Intended Uses: This ADH ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat ADH. This ELISA kit for research use only, not for therapeutic or test applications!</p> |
| Product Categories/Family for ADH/VP/AVP elisa kit   | Rat ELISA Kit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

## NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 116497129                                                                                                                                                                     |
| NCBI GeneID                      | 551                                                                                                                                                                           |
| UniProt Accession #              | P01185; O14935; A0AV35                                                                                                                                                        |
| Molecular Weight                 | 17,325 Da                                                                                                                                                                     |
| NCBI Official Full Name          | Arginine vasopressin                                                                                                                                                          |
| NCBI Official Synonym Full Names | arginine vasopressin                                                                                                                                                          |
| NCBI Official Symbol             | AVP                                                                                                                                                                           |
| NCBI Official Synonym Symbols    | VP; ADH; ARVP; AVRP; AVP-NPII                                                                                                                                                 |
| NCBI Protein Information         | vasopressin-neurophysin 2-copeptin; neurohypophyseal; prepro-AVP-NP II; antidiuretic hormone; vasopressin-neurophysin II-copeptin; prepro-arginine-vasopressin-neurophysin II |
| UniProt Protein Name             | Vasopressin-neurophysin 2-copeptin                                                                                                                                            |
| UniProt Gene Name                | <b>AVP</b>                                                                                                                                                                    |
| UniProt Synonym Gene Names       | ARVP; VP                                                                                                                                                                      |
| UniProt Entry Name               | NEU2_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/adh-vp-avp-rat-elisa-kits/diuretic-hormone-vasopressin-arginine-vasopressin/82880>