

## Human ADH ELISA Kit | ADH elisa kit

Human ADH (Antidiuretic Hormone) ELISA Kit

CATALOG #  
**AAA163878**

REACTIVITY  
**Human**

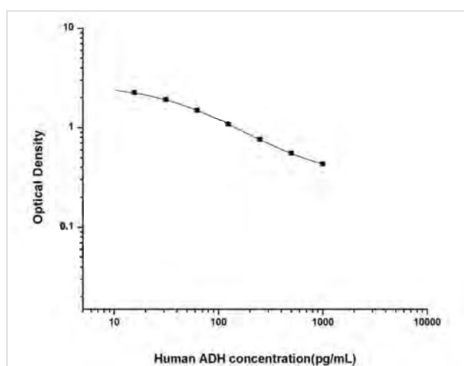
### PRODUCT SYNONYMS

ADH; Human ADH (Antidiuretic Hormone) ELISA Kit; ADH elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                  |
| Specificity             | This kit recognizes Human ADH in samples. No significant cross-reactivity or interference between Human ADH and analogues was observed                                                 |
| Sequence Length         | 256                                                                                                                                                                                    |
| Assay Type              | Quantitative Competitive                                                                                                                                                               |
| Samples                 | Serum, plasma and other biological fluids                                                                                                                                              |
| Detection Range         | 15.63-1000 pg/mL                                                                                                                                                                       |
| Sensitivity             | 9.38 pg/mL                                                                                                                                                                             |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human ADH were tested 20 times on one plate, respectively.                             |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human ADH were tested on 3 different plates, 20 replicates in each plate, respectively. |
| Preparation and Storage | Store at 4 degree C.                                                                                                                                                                   |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for ADH elisa kit | <p>Principle of the Assay: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Human ADH. During the reaction, Human ADH in samples or Standard competes with a fixed amount of Human ADH on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Human ADH. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) are added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color change is measured spectrophotometrically at a wavelength of 450±2 nm. The concentration of Human ADH in the samples is then determined by comparing the OD of the samples to the standard curve.</p> <p>Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human ADH concentrations in serum, plasma and other biological fluids.</p> |
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NCBI AND UNIPROT INFORMATION

|                         |                                                                                |
|-------------------------|--------------------------------------------------------------------------------|
| NCBI GI #               | 599727                                                                         |
| UniProt Accession #     | P00334; Q27332; Q27579; Q27596; Q2MGK2; Q53XD5; Q95TC8; Q9NKC0; Q9VJS3; A4V0Q1 |
| Molecular Weight        | 27,761 Da                                                                      |
| NCBI Official Full Name | ADH                                                                            |
| UniProt Protein Name    | Alcohol dehydrogenase                                                          |
| UniProt Gene Name       | Adh                                                                            |
| UniProt Entry Name      | ADH_DROME                                                                      |

**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/human-elisa-kits/adh/163878>