

## Rat Antidiuretic Hormone ELISA Kit | ADH elisa kit

Rat Antidiuretic Hormone ELISA Kit

CATALOG #  
**AAA98619**

REACTIVITY  
**Rat**

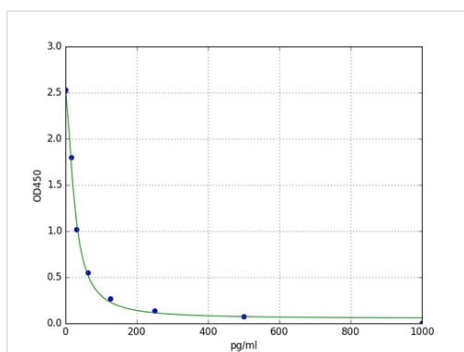
### PRODUCT SYNONYMS

Antidiuretic Hormone; Rat Antidiuretic Hormone ELISA Kit; ADH; ADH elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                                                                                          |
| Assay Type              | Competitive ELISA, Coated with Antigen                                                                                                                       |
| Samples                 | Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples                                                                         |
| Detection Range         | 0.156-10pg/ml                                                                                                                                                |
| Sensitivity             | 0.094pg/ml                                                                                                                                                   |
| Preparation and Storage | Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C |

### IMAGES



Standard Curve (Sample)

#### Typical Data & Standard Curve

Results of a typical standard run of a Rat ADH ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

| X | pg/ml | 0     | 15.6  | 31.2  | 62.5  | 125   | 250   | 500   | 1000  |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Y | OD450 | 2.443 | 1.998 | 1.671 | 1.283 | 0.915 | 0.614 | 0.479 | 0.362 |

Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for ADH elisa kit

**Principle of the Assay**||This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with Rat ADH. During the reaction,Rat ADH in the sample or standard competes with a fixed amount of Rat ADH on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to Rat ADH. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin(SABC) is 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 a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. The concentration of Rat ADH in the samples is then determined by comparing the O.D. of the samples to the standard curve.

**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.