

Rat ADH ELISA Kit | ADH elisa kit

Rat ADH (Antidiuretic Hormone) ELISA Kit

CATALOG #
AAA163930

REACTIVITY
Rat

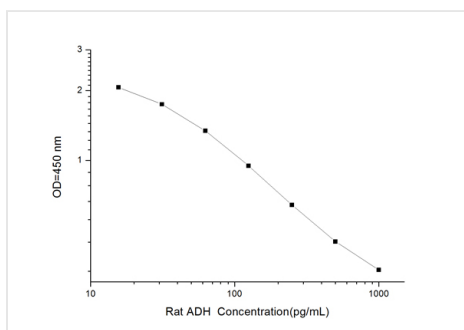
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

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

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADH elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat ADH concentrations in serum, plasma and other biological fluids. 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 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 Ab specific to Rat 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 nm +/- 2 nm. The concentration of Rat ADH in the samples is then determined by comparing the OD of the samples to the standard curve.
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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://stage.aaabiotech.com/rat-elisa-kits/adh/163930>