

Rat Anti-Diuretic Hormone ELISA Kit | ADH elisa kit

Rat Anti-Diuretic Hormone ELISA Kit

CATALOG #
AAA86295

REACTIVITY
Rat

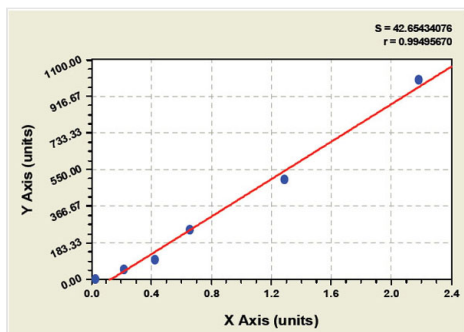
PRODUCT SYNONYMS

Anti-Diuretic Hormone; Rat Anti-Diuretic Hormone ELISA Kit; ADH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	50-1000 pg/mL
Sensitivity	1 ng/mL
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 applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ADH elisa kit

Principle of the Assay: ADH ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for ADH. Standards or samples are then added to the microtiter plate wells and ADH if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of ADH present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for ADH are added to each well to "sandwich" the ADH immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain ADH and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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.

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 Synonym Gene Names	CG3481
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/adh-rat-elisa-kits/anti-diuretic-hormone/86295>