

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

Human antidiuretic hormone/vasopressin/arginine vasopressin ELISA Kit

CATALOG #
AAA87376

REACTIVITY
Human

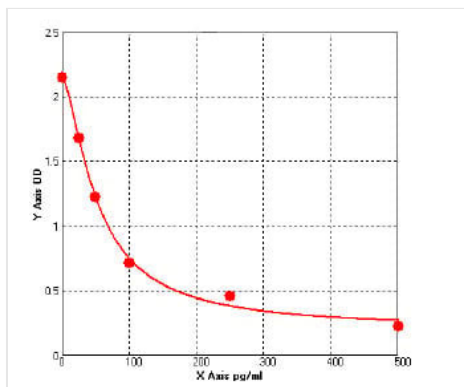
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
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	Principle of the Assay: ADH ELISA kit applies the competitive enzyme immunoassay technique utilizing an 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. Intended Uses: This ADH ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ADH. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for ADH/VP/AVP elisa kit	Human 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	AVP
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-human-elisa-kits/diuretic-hormone-vasopressin-arginine-vasopressin/87376>