

Human Vasopressin-neurophysin 2-copeptin ELISA Kit | AVP elisa kit

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CATALOG #
AAA98067

REACTIVITY
Human

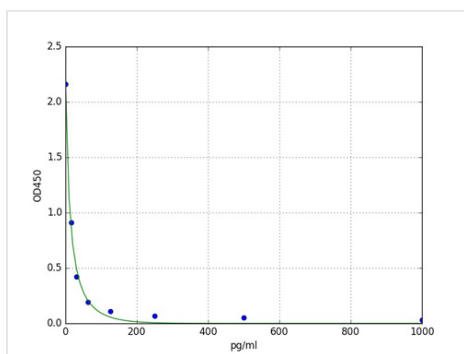
PRODUCT SYNONYMS

Vasopressin-neurophysin 2-copeptin; Human Vasopressin-neurophysin 2-copeptin ELISA Kit; AVP (Vasopressin-neurophysin 2-copeptin)/ARVP/VP/AVP-NP11; AVP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	164
Assay Type	Competitive ELISA, Coated with Antigen
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/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 Human AVP 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	2.446	1.992	1.688	1.283	0.902	0.644	0.427	0.348

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AVP 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 an antibody specific to Human AVP. During the reaction, Human AVP in the sample or standard competes with a fixed amount of biotin-labeled Human AVP for sites on a precoated Monoclonal antibody specific to Human AVP. 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 Human AVP in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13259533
NCBI GeneID	551
NCBI Accession #	NP_000481.2
NCBI GenBank Nucleotide #	NM_000490.4
Molecular Weight	17,325 Da
NCBI Official Full Name	vasopressin-neurophysin 2-copeptin preproprotein
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
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/avp-human-elisa-kits/vasopressin-neurophysin-2-copeptin/98067>