

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

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CATALOG #
AAA56112

REACTIVITY
Bovine

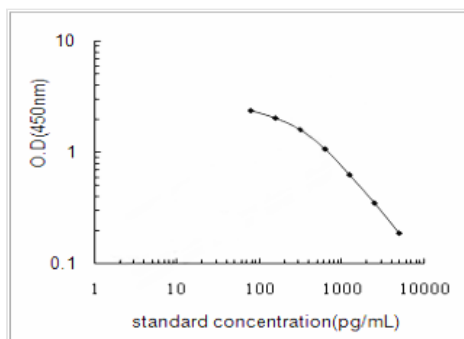
PRODUCT SYNONYMS

Vasopressin-neurophysin 2-copeptin; Bovine Vasopressin-neurophysin 2-copeptin ELISA Kit; AVP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay recognizes recombinant and natural Bovine Vasopressin-neurophysin 2-copeptin. No significant cross-reactivity or interference was observed.
Sequence Length	164
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.
Assay Type	Competitive
Detection Range	78.0-5000 pg/ml.
Intended Uses	This immunoassay kit allows for the in vitro quantitative determination of bovine Vasopressin-neurophysin 2-copeptin concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AVP elisa kit

Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Vasopressin-neurophysin 2-copeptin. During the reaction, Vasopressin-neurophysin 2-copeptin in the sample or standard competes with a fixed amount of biotin-labeled Vasopressin-neurophysin 2-copeptin for sites on a pre-coated Monoclonal antibody specific to Vasopressin-neurophysin 2-copeptin. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) 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 +/- 2 nm. The concentration of Vasopressin-neurophysin 2-copeptin in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	28849917
NCBI GeneID	280728
NCBI Accession #	NP_789824.1
NCBI GenBank Nucleotide #	NM_176854.2
UniProt Accession #	P01180; Q3SZF1
Molecular Weight	17,325 Da
NCBI Official Full Name	vasopressin-neurophysin 2-copeptin preproprotein
NCBI Official Symbol	AVP
NCBI Official Synonym Symbols	AVP-NPII
NCBI Protein Information	vasopressin-neurophysin 2-copeptin
UniProt Protein Name	Vasopressin-neurophysin 2-copeptin
UniProt Gene Name	AVP
UniProt Entry Name	NEU2_BOVIN

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-bovine-ovine-elisa-kits/vasopressin-neurophysin-2-copeptin/56112>