

Sheep arginine vasopressin ELISA Kit | AVP elisa kit

Sheep Vasopressin-neurophysin 2-copeptin, AVP ELISA Kit

CATALOG #
AAA112467

REACTIVITY
Sheep

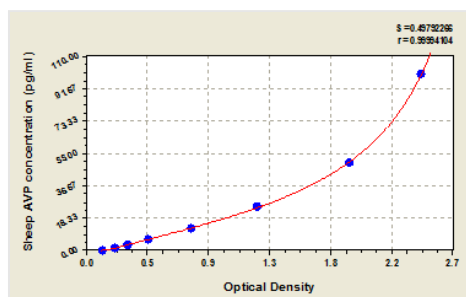
PRODUCT SYNONYMS

arginine vasopressin; Sheep Vasopressin-neurophysin 2-copeptin; AVP ELISA Kit; Sheep Vasopressin-neurophysin 2-copeptin (AVP) ELISA kit; ADH; ARVP; AVP-NPII; AVRP; VP; antidiuretic hormone; arginine vasopressin-neurophysin II; neurohypophyseal; vasopressin-neurophysin II-copeptin; AVP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Specificity	This assay has high sensitivity and excellent specificity for detection of sheep AVP. No significant cross-reactivity or interference between sheep AVP and analogues was observed.
Sequence Length	147
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	1.56 pg/ml-100 pg/ml
Sensitivity	< 0.39 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AVP elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for AVP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any AVP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for AVP is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of AVP bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	128087
UniProt Accession #	P01181
Molecular Weight	15,321 Da
NCBI Official Full Name	Vasopressin-neurophysin 2-copeptin
UniProt Protein Name	Vasopressin-neurophysin 2-copeptin
UniProt Gene Name	AVP
UniProt Entry Name	NEU2_SHEEP

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-sheep-elisa-kits/arginine-vasopressin/112467>