

Dog arginine vasopressin (AVP) ELISA Kit | AVP elisa kit

Dog arginine vasopressin, AVP ELISA Kit

CATALOG #
AAA113057

REACTIVITY
Dog

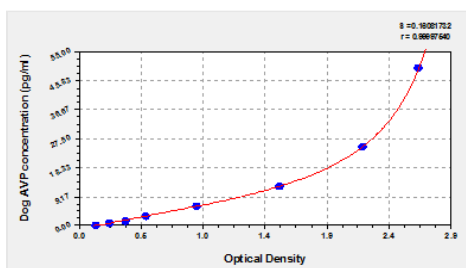
PRODUCT SYNONYMS

arginine vasopressin (AVP); Dog arginine vasopressin; AVP ELISA Kit; Dog arginine vasopressin (AVP) ELISA kit; AVP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	This assay has high sensitivity and excellent specificity for detection of dog AVP. No significant cross-reactivity or interference between dog AVP and analogues was observed.
Sequence Length	164
Samples	Serum, plasma
Assay Type	Quantitative Sandwich
Detection Range	0.78 pg/ml-50 pg/ml
Sensitivity	<0.2 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13259533
NCBI GeneID	551
NCBI Accession #	NP_000481.2
NCBI GenBank Nucleotide #	NM_000490.4
UniProt Accession #	P01185; O14935; A0AV35
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-NP II
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/dog-elisa-kits/arginine-vasopressin-avp/113057>