

Mouse arginine vasopressin ELISA Kit | AVP elisa kit

Mouse antidiuretic hormone/vasopressin/arginine vasopressin, ADH/VP/AVP ELISA Kit

CATALOG #
AAA15291

REACTIVITY
Mouse

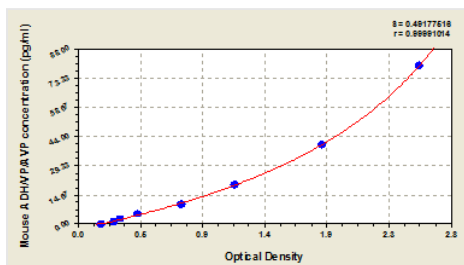
PRODUCT SYNONYMS

arginine vasopressin; Mouse antidiuretic hormone/vasopressin/arginine vasopressin; ADH/VP/AVP ELISA Kit; ADH; ARVP; AVP-NP11; AVRP; VP; antidiuretic hormone; arginine vasopressin-neurophysin II; neurohypophyseal; vasopressin-neurophysin II-copeptin; AVP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse ADH/VP/AVP. No significant cross-reactivity or interference between mouse ADH/VP/AVP and analogues was observed.
Sequence Length	168
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	1.25 pg/ml-80 pg/ml
Sensitivity	< 0.31 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 ADH/VP/AVP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ADH/VP/AVP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ADH/VP/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 ADH/VP/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 #	6753150
NCBI GeneID	11998
NCBI Accession #	NP_033862.1
NCBI GenBank Nucleotide #	NM_009732.1
UniProt Accession #	P35455
Molecular Weight	17,900 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; Vsp
NCBI Protein Information	vasopressin-neurophysin 2-copeptin; AVP-NPII
UniProt Protein Name	Vasopressin-neurophysin 2-copeptin
UniProt Gene Name	Avp
UniProt Entry Name	NEU2_MOUSE

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.