

Horse Vasopressin-neurophysin 2-coceptin ELISA Kit | AVP elisa kit

Horse Vasopressin-neurophysin 2-coceptin (AVP) ELISA Kit

CATALOG #
AAA13248

REACTIVITY
Horse

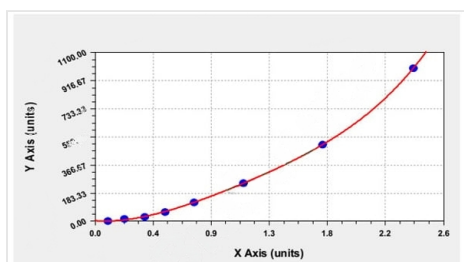
PRODUCT SYNONYMS

Vasopressin-neurophysin 2-coceptin; Horse Vasopressin-neurophysin 2-coceptin (AVP) ELISA Kit; AVP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Horse
Specificity	This assay has high sensitivity and excellent specificity for detection of Horse AVP. No significant cross-reactivity or interference between Horse AVP and analogues was observed.
Sequence Length	164
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	15.6 pg/mL - 1000 pg/mL
Sensitivity	7.8 pg/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AVP elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate AVP in Horse serum, plasma. An 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, Streptavidin 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. Intended Uses: For the quantitative detection of Horse Vasopressin-neurophysin 2-copeptin (AVP) concentration in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	128082
UniProt Accession #	P01182
Molecular Weight	9,502 Da
NCBI Official Full Name	Neurophysin 2
UniProt Protein Name	Neurophysin 2
UniProt Gene Name	AVP

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/avp-horse-elisa-kits/vasopressin-neurophysin-2-copeptin/13248>