

Rat AVPR1A ELISA Kit | Av pr1a elisa kit

Rat AVPR1A (Arginine Vasopressin Receptor 1A) ELISA Kit

CATALOG #
AAA165700

REACTIVITY
Rat

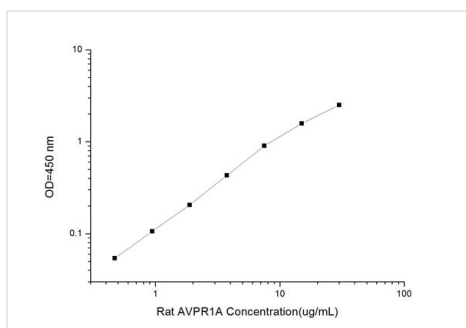
PRODUCT SYNONYMS

AVPR1A; Rat AVPR1A (Arginine Vasopressin Receptor 1A) ELISA Kit; Av pr1a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat Av pr1a. No significant cross-reactivity or interference between Rat Av pr1a and analogues was observed.
Sequence Length	421
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.469-30?g/mL
Sensitivity	Min: 0.281?g/mL; Max: 30?g/mL
Intended Uses	This ELISA kit applies to the in vitro quantitative determination of Rat Av pr1a concentrations in serum, plasma and other biological fluids.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Av pr1a elisa kit	Principle of the assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Av pr1a. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Av pr1a and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Av pr1a, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Av pr1a. You can calculate the concentration of Av pr1a in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	124829088
NCBI GeneID	538439
Molecular Weight	46,576 Da
NCBI Official Full Name	AVPR1A protein
NCBI Official Synonym Full Names	arginine vasopressin receptor 1A<
NCBI Official Symbol	AVPR1A
NCBI Protein Information	vasopressin V1a receptor
UniProt Protein Name	Vasopressin V1a receptor
UniProt Gene Name	AVPR1A
UniProt Entry Name	A2VDS9_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://www.aaabiotech.com/av-pr1a-rat-elisa-kits/avpr1a/165700>