Rat Type-1A angiotensin II receptor ELISA Kit | Agtr1 elisa kit

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CATALOG #	REACTIVITY
AAA192456	**Rat**

PRODUCT SYNONYMS

Type-1A angiotensin II receptor; Rat Type-1A angiotensin II receptor ELISA Kit; Angiotensin II type-1A receptor; AT1A; Agtr1; Agtr1a; At1a; Agtr1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Type-1A angiotensin II receptor. No significant cross-reactivity or interference was observed.
Sequence Length	359
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	3.12 ng/mL -200 ng/mL
Sensitivity	1.8 ng/mL
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Agtr1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat Type-1A angiotensin II receptor concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Type-1A angiotensin II receptor. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Type-1A angiotensin II receptor and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Type-1A angiotensin II receptor, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of Type-1A angiotensin II receptor in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	51036661
NCBI GeneID	24180

NCBI Accession #	NP_112247.2
NCBI GenBank Nucleotide #	NM_030985.4
UniProt Accession #	P25095; Q9QVS5
Molecular Weight	40,890 Da
NCBI Official Full Name	type-1A angiotensin II receptor
NCBI Official Synonym Full Names	angiotensin II receptor, type 1a
NCBI Official Symbol	Agtr1a
NCBI Official Synonym Symbols	AT1; AT1A; AT1R; Agtr1
NCBI Protein Information	type-1A angiotensin II receptor
UniProt Protein Name	Type-1A angiotensin II receptor
UniProt Gene Name	**Agtr1**
UniProt Synonym Gene Names	Agtr1a; At1a; AT1A
UniProt Entry Name	AGTRA_RAT

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/agtr1-rat-elisa-kits/type-1a-angiotensin-ii-receptor/192456