

Human Type-1 angiotensin II receptor ELISA Kit | AGTR1 elisa kit

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CATALOG #
AAA192869

REACTIVITY
Human

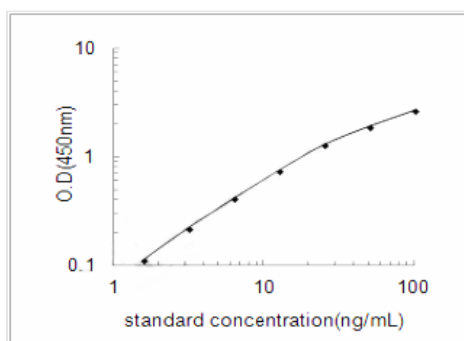
PRODUCT SYNONYMS

Type-1 angiotensin II receptor; Human Type-1 angiotensin II receptor ELISA Kit; AT1AR; AT1BR; Angiotensin II type-1 receptor; AT1; AGTR1; AGTR1A; AGTR1B; AT2R1; AT2R1B; AGTR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Type-1 angiotensin II receptor. No significant cross-reactivity or interference was observed.
Sequence Length	359
Assay Type	Sandwich
Detection Range	1.56-100 ng/mL
Sensitivity	0.94ng/mL
Intra-Assay CV	<=5.4%
Inter-Assay CV	<=8.9%
Recovery	102%
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 human Type-1 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-1 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-1 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-1 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-1 angiotensin II receptor in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4501997
NCBI GeneID	185
NCBI Accession #	NP_000676.1
NCBI GenBank Nucleotide #	NM_000685.4
UniProt Accession #	P30556; Q13725; Q8TBK4
Molecular Weight	41,061 Da
NCBI Official Full Name	type-1 angiotensin II receptor isoform 1
NCBI Official Synonym Full Names	angiotensin II receptor type 1
NCBI Official Symbol	AGTR1
NCBI Official Synonym Symbols	AT1; AG2S; AT1B; AT1R; AT1AR; AT1BR; AT2R1; HAT1R; AGTR1B
NCBI Protein Information	type-1 angiotensin II receptor
UniProt Protein Name	Type-1 angiotensin II receptor
UniProt Gene Name	AGTR1
UniProt Synonym Gene Names	AGTR1A; AGTR1B; AT2R1; AT2R1B; AT1
UniProt Entry Name	AGTR1_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.