

Human angiotensin II receptor, type 1 ELISA Kit | AGTR1 elisa kit

Human angiotensin II receptor 1, ANGIIR-1 ELISA Kit

CATALOG #
AAA80632

REACTIVITY
Human

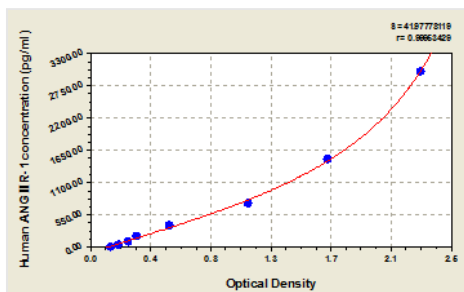
PRODUCT SYNONYMS

angiotensin II receptor; type 1; Human angiotensin II receptor 1; ANGIIR-1 ELISA Kit; AG2S; AGTR1A; AGTR1B; AT1; AT1B; AT1R; AT2R1; AT2R1A; AT2R1B; HAT1R; angiotensin receptor 1; angiotensin receptor 1B; type-1B angiotensin II receptor; AGTR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human ANGIIR-1. No significant cross-reactivity or interference between human ANGIIR-1 and analogues was observed.
Sequence Length	359
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	46.88 pg/ml-3000 pg/ml
Sensitivity	<11.72 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 AGTR1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ANGIIR-1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ANGIIR-1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ANGIIR-1 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 ANGIIR-1 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 #	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; type-1B 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.

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Online datasheet: <https://stage.aaabiotech.com/agtr1-human-elisa-kits/angiotensin-ii-receptor-type-1/80632>