

Rat angiotensin II receptor type 1 ELISA Kit | AT1R elisa kit

Rat angiotensin II receptor type 1 ELISA Kit

CATALOG # AAA102348	REACTIVITY Rat
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PRODUCT SYNONYMS

angiotensin II receptor type 1; Rat angiotensin II receptor type 1 ELISA Kit; AG2S/AGTR1/AGTR1B/AT1/AT1AR/AT1BR/AT1R/AT2R1/AG2S/AGTR1A Angiotensin II type-1 receptor/angiotensin II receptor; type 1/angiotensin receptor 1/angiotensin receptor 1B/AT1AT1AR/AT1B/AT1R/AT2R1A/AT2R1AGTR1B/AT2R1BAT1BR/HAT1R/type-1 angiotensin II receptor/type-1B angiotensin II receptor; AT1R elisa kit

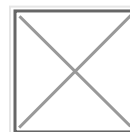
PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	394
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AT1R elisa kit	Principle of the Assay This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Rat AT1R antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat AT1R antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat AT1R amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat AT1R can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119599315
NCBI GeneID	185
Molecular Weight	41,061 Da
NCBI Official Full Name	angiotensin II receptor, type 1, isoform CRA_a

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.

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Online datasheet: <https://stage.aaabiotech.com/at1r-rat-elisa-kits/angiotensin-ii-receptor-type-1/102348>