

Rat Angiotensin II Receptor 1 (AGTR1) RTU ELISA Kit | AGTR1 rtu elisa kit

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CATALOG #
AAA68962

REACTIVITY
Rat

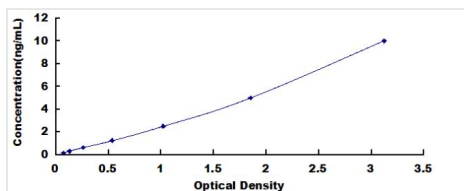
PRODUCT SYNONYMS

Angiotensin II Receptor 1 (AGTR1); Rat Angiotensin II Receptor 1 (AGTR1) ELISA Kit; AT1R; AG2S; AG2-S; AGTR1A; AGTR1B; AT1; AT1B; AT2R1; AT2-R1; AT2R1A; AT2R1B; HAT1R; AT1 Receptor; Angiotensin Receptor 1B; AGTR1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	359
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.053ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AGTR1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to AGTR1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to AGTR1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain AGTR1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of AGTR1 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

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/rat-rtu-elisa-kits/angiotensin-ii-receptor-1-agtr1/68962>