

Monkey Angiotensin II Receptor 1 ELISA Kit | AGTR1 elisa kit

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CATALOG #
AAA89168

REACTIVITY
Monkey

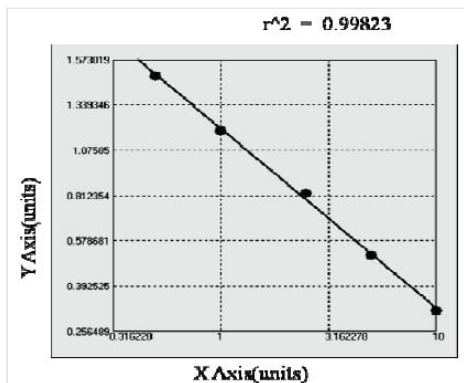
PRODUCT SYNONYMS

Angiotensin II Receptor 1; Monkey Angiotensin II Receptor 1 ELISA Kit; AGTR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This AT2R1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey AT2R1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AGTR1 elisa kit

Principle of the Assay: AT2R1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-AT2R1 antibody and an AT2R1-HRP conjugate. The assay sample and buffer are incubated together with AT2R1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the AT2R1 concentration since AT2R1 from samples and AT2R1-HRP conjugate compete for the anti-AT2R1 antibody binding site. Since the number of sites is limited, as more sites are occupied by AT2R1 from the sample, fewer sites are left to bind AT2R1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AT2R1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	111305104
NCBI GeneID	281607
Molecular Weight	41,088 Da
NCBI Official Full Name	AGTR1 protein, partial
NCBI Official Synonym Full Names	angiotensin II receptor, type 1<
NCBI Official Symbol	AGTR1
NCBI Protein Information	type-1 angiotensin II receptor; AT1; angiotensin receptor 1; angiotensin II receptor 1; angiotensin II type-1 receptor
UniProt Protein Name	Type-1 angiotensin II receptor
UniProt Gene Name	AGTR1
UniProt Synonym Gene Names	AT1
UniProt Entry Name	AGTR1_BOVIN

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-monkey-elisa-kits/angiotensin-ii-receptor-1/89168>