

Human Angiotensin II Receptor 2 antibody, AT2R-Ab ELISA Kit | AGTR2 elisa kit

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CATALOG #
AAA79825

REACTIVITY
Human

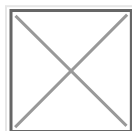
PRODUCT SYNONYMS

Angiotensin II Receptor 2 antibody; AT2R-Ab; Human Angiotensin II Receptor 2 antibody; AT2R-Ab ELISA Kit; AGTR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human AT2R-Ab. No significant cross-reactivity or interference between human AT2R-Ab and analogues was observed.
Sequence Length	363
Samples	Serum, plasma
Assay Type	Sandwich
Detection Range	0.312 U/ml -20 U/ml.
Sensitivity	The minimum detectable dose of human AT2R-Ab is typically less than 0.078 U/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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 AGTR2 elisa kit

Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with AT2R. Standards and samples are pipetted into the wells with a biotin-conjugated AT2R and avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of AT2R-Ab bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	607812
NCBI GeneID	186
UniProt Accession #	P50052; Q13016; Q6FGY7; B2R9V1; AAB34100
Molecular Weight	41,184 Da
NCBI Official Full Name	angiotensin II receptor type 2 subtype
NCBI Official Synonym Full Names	angiotensin II receptor, type 2
NCBI Official Symbol	AGTR2
NCBI Official Synonym Symbols	AT2; ATGR2; MRX88
NCBI Protein Information	type-2 angiotensin II receptor; angiotensin II type-2 receptor
UniProt Protein Name	Type-2 angiotensin II receptor
UniProt Gene Name	AGTR2
UniProt Synonym Gene Names	AT2
UniProt Entry Name	AGTR2_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/human-elisa-kits/angiotensin-ii-receptor-2-antibody-at2r-ab/79825>