

Bovine Angiotensin II Receptor 2 ELISA Kit | AT2R elisa kit

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CATALOG # AAA95170	REACTIVITY Bovine
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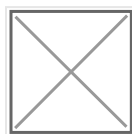
PRODUCT SYNONYMS

Angiotensin II Receptor 2; Bovine Angiotensin II Receptor 2 ELISA Kit; AT2R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AT2R elisa kit	Intended Uses: This AT2R ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine AT2R. This ELISA kit for research use only! Principle of the Assay: AT2R ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-AT2R antibody and an AT2R-HRP conjugate. The assay sample and buffer are incubated together with AT2R-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 AT2R concentration since AT2R from samples and AT2R-HRP conjugate compete for the anti-AT2R antibody binding site. Since the number of sites is limited, as more sites are occupied by AT2R from the sample, fewer sites are left to bind AT2R-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AT2R concentration in each sample is interpolated from this standard curve.
Product Categories/Family for AT2R elisa kit	Cardiovascular

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/at2r-bovine-ovine-elisa-kits/angiotensin-ii-receptor-2/95170>