

Rat ANG II ELISA Kit | ANG II elisa kit

Rat ANG II (Angiotensin II) ELISA Kit

CATALOG #
AAA21867

REACTIVITY
Rat

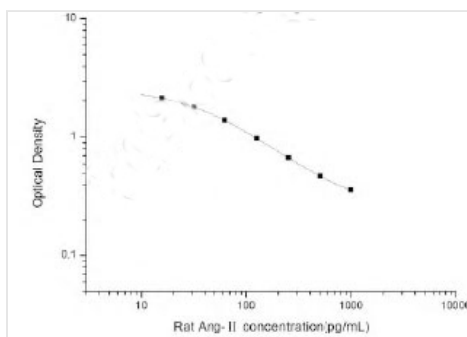
PRODUCT SYNONYMS

ANG II; Rat ANG II (Angiotensin II) ELISA Kit; ANG II elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes Rat Ang- II in samples. No significant cross-reactivity or interference between Rat Ang- II and analogues was observed.
Sequence Length	477
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Competitive
Detection Range	15.63-1000pg/mL
Sensitivity	9.38pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Rat Ang- II were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Rat Ang- II were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ANG II elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat Ang- II concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Rat Ang- II. During the reaction, Rat Ang- II in the sample or standard competes with a fixed amount of Rat Ang- II on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Rat Ang- II. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) are added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Rat Ang- II in the samples is then determined by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19705570
NCBI GeneID	24179
NCBI Accession #	NP_602308.1
NCBI GenBank Nucleotide #	NM_134432.2
UniProt Accession #	P01015
Molecular Weight	51,982 Da
NCBI Official Full Name	angiotensinogen
NCBI Official Synonym Full Names	angiotensinogen (serpin peptidase inhibitor, clade A, member 8)
NCBI Official Symbol	Agt
NCBI Official Synonym Symbols	Ang; PAT; ANRT; AngII
NCBI Protein Information	angiotensinogen; angiotensin II; angiotensinogen (PAT); serpin A8
UniProt Protein Name	Angiotensinogen
UniProt Gene Name	Agt
UniProt Synonym Gene Names	Serpina8; Ang I; Ang II; Ang III; Ang IV
UniProt Entry Name	ANGT_RAT

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/ang-ii/21867>