

Mouse Angiotensin II ELISA Kit | AngII elisa kit

Mouse Angiotensin II (AngII) (Competitive ELISA) Mini sample ELISA Kit

CATALOG #
AAA190025

REACTIVITY
Mouse

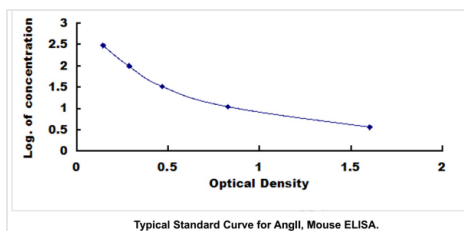
PRODUCT SYNONYMS

Angiotensin II; Mouse Angiotensin II (AngII) (Competitive ELISA) Mini sample ELISA Kit; Ang-II; Angiotensin-2; Mini Samples ELISA Kit for Angiotensin II (AngII); AngII elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of AngII. No significant cross-reactivity or interference between AngII and analogues was observed.
Assay Type	Quantitative Competitive
Samples	Mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	3.70-300pg/mL
Sensitivity	< 1.27pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level AngII were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level AngII were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	4 degree C for 1 month/ -20 degree C for long-term(within shelf life). Shelf life is one year

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AngII elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. An antibody specific to AngII has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled AngII and unlabeled AngII (Standards or samples) with the pre-coated antibody specific to AngII. After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of AngII in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of AngII in the sample. Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of AngII in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Product Categories/Family for AngII elisa kit	Endocrinology

NCBI AND UNIPROT INFORMATION

NCBI GI #	113881
NCBI GeneID	11606
UniProt Accession #	P11859
Molecular Weight	51,990 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	AngI; AngII; Aogen; AI265500; Serpina8
NCBI Protein Information	angiotensinogen; serpin A8; angiotensin I; angiotensin II
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_MOUSE

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/angii-mouse-elisa-kits/angiotensin-ii/190025>