

Human Angiotensinogen ELISA Kit | AGT elisa kit

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CATALOG #
AAA192868

REACTIVITY
Human

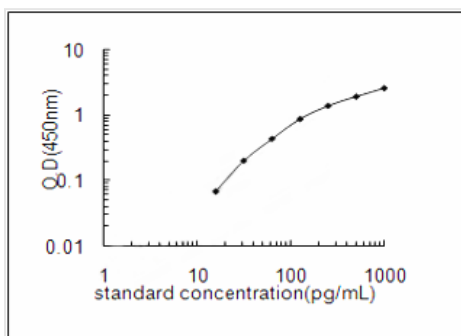
PRODUCT SYNONYMS

Angiotensinogen; Human Angiotensinogen ELISA Kit; Serpin A8; AGT; SERPINA8; AGT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Angiotensinogen. No significant cross-reactivity or interference was observed.
Sequence Length	485
Assay Type	Sandwich
Detection Range	15.6-1000 pg/mL
Sensitivity	8.5pg/mL
Intra-Assay CV	<=4.7%
Inter-Assay CV	<=7.5%
Recovery	85%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AGT elisa kit	Intended Uses This immunoassay kit allows for the in vitro quantitative determination of human Angiotensinogen concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Angiotensinogen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for Angiotensinogen and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Angiotensinogen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Angiotensinogen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557287
NCBI GeneID	183
NCBI Accession #	NP_000020.1
NCBI GenBank Nucleotide #	NM_000029.3
UniProt Accession #	P01019; Q16358; Q16359; Q96F91
Molecular Weight	53,154 Da
NCBI Official Full Name	angiotensinogen preproprotein
NCBI Official Synonym Full Names	angiotensinogen
NCBI Official Symbol	AGT
NCBI Official Synonym Symbols	ANHU; SERPINA8
NCBI Protein Information	angiotensinogen
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_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://www.aaabiotech.com/agt-human-elisa-kits/angiotensinogen/192868>