

Mouse Angiotensinogen ELISA Kit | Agt elisa kit

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CATALOG #
AAA97868

REACTIVITY
Mouse

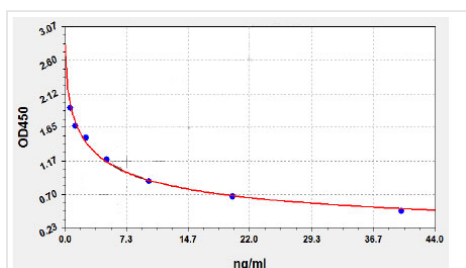
PRODUCT SYNONYMS

Angiotensinogen; Mouse Angiotensinogen ELISA Kit; Agt (Angiotensinogen)/ANHU/Serpin A8/SERPINA8/Angiotensin II/Aogen/PAT/alpha-1 antiproteinase; antitrypsin/angiotensin II/pre-angiotensinogen/serine (or cysteine) proteinase inhibitor/SERPINA8/angiotensin I; Agt elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Agt. No significant cross-reactivity or interference between Agt and analogues was observed.
Sequence Length	485
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.938-60ng/ml
Sensitivity	0.563ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Agt elisa kit

Principle of the Assay: This kit was based on Competitive-ELISA detection method. The microtiter plate provided in this kit has been pre-coated with target. During the reaction, target in the sample or standard competes with a fixed amount of target on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to target. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then TMB substrate solution is added to each well. 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. The concentration of target in the samples is then determined by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	532198
NCBI GeneID	183
Molecular Weight	53,154 Da
NCBI Official Full Name	angiotensinogen
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://stage.aaabiotech.com/agt-mouse-elisa-kits/angiotensinogen/97868>