

Mouse Angiotensinogen ELISA Kit | AGT elisa kit

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CATALOG #
AAA85186

REACTIVITY
Mouse

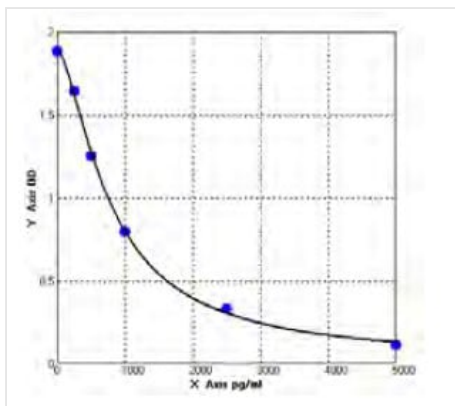
PRODUCT SYNONYMS

Angiotensinogen; Mouse Angiotensinogen ELISA Kit; 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. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between AGT and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AGT elisa kit	Intended Uses: This AGT ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse AGT. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: AGT ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-AGT antibody and an AGT-HRP conjugate. The assay sample and buffer are incubated together with AGT-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 AGT concentration since AGT from samples and AGT-HRP conjugate compete for the anti-AGT antibody binding site. Since the number of sites is limited, as more sites are occupied by AGT from the sample, fewer sites are left to bind AGT-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AGT concentration in each sample is interpolated from this standard curve.
Product Categories/Family for AGT elisa kit	Cardiovascular

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 (serpin peptidase inhibitor, clade A, member 8)
NCBI Official Symbol	AGT
NCBI Official Synonym Symbols	ANHU; SERPINA8
NCBI Protein Information	angiotensinogen; serpin A8; angiotensin I; angiotensin II; pre-angiotensinogen; alpha-1 antiproteinase, antitrypsin; serine (or cysteine) proteinase inhibitor
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.