

Human angiotensinogen, aGT ELISA Kit | aGT elisa kit

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CATALOG #
AAA41925

REACTIVITY
Human

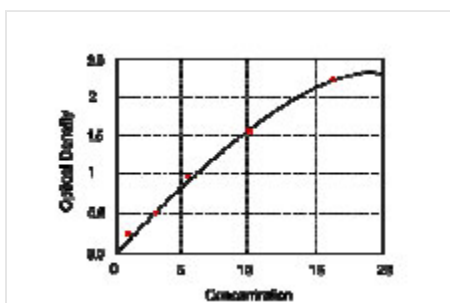
PRODUCT SYNONYMS

angiotensinogen; aGT; Human angiotensinogen; aGT ELISA Kit; aGT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	485
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	10-1000ng/L
Sensitivity	0.51ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for aGT elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human angiotensinogen (also known as aGT) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human aGT antibody. aGT present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human aGT Antibody is added and binds to aGT in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated aGT antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human aGT. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	532198
NCBI GeneID	183
UniProt Accession #	P01019; Q16358; Q16359; Q96F91
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; hFLT1; 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

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/human-elisa-kits/angiotensinogen-agt/41925>