

Human Antithrombin III (ATIII) ELISA Kit | ATIII elisa kit

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CATALOG #
AAA44326

REACTIVITY
Human

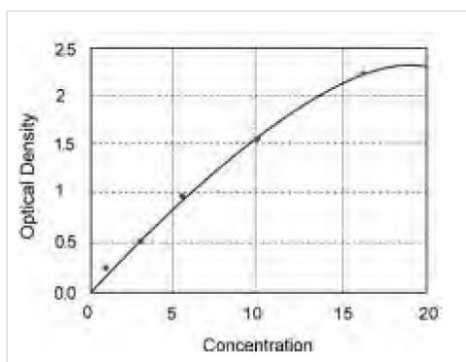
PRODUCT SYNONYMS

Antithrombin III (ATIII); Human Antithrombin III (ATIII) ELISA Kit; ATIII elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	464
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	5-1000ng/mL
Sensitivity	2.96ng/mL
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 ATIII elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human ATIII antibody. ATIII present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human ATIII Antibody is added and binds to ATIII in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ATIII 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 ATIII. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Antithrombin III (also known as ATIII) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502261
NCBI GeneID	462
NCBI Accession #	NP_000479.1
NCBI GenBank Nucleotide #	NM_000488.3
UniProt Accession #	P01008; P78439; P78447; Q13815; Q5TC78; Q7KZ43; Q7KZ97; Q9UC78; B2R6P0
Molecular Weight	52,602 Da
NCBI Official Full Name	antithrombin-III isoform 1
NCBI Official Synonym Full Names	serpin family C member 1
NCBI Official Symbol	SERPINC1
NCBI Official Synonym Symbols	AT3; AT3D; ATIII; THPH7; ATIII-R2
NCBI Protein Information	antithrombin-III
UniProt Protein Name	Antithrombin-III
UniProt Gene Name	SERPINC1
UniProt Synonym Gene Names	AT3; ATIII

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.