

Human Anti-Thrombin III, AT-III ELISA Kit | AT-III elisa kit

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CATALOG #
AAA42372

REACTIVITY
Human

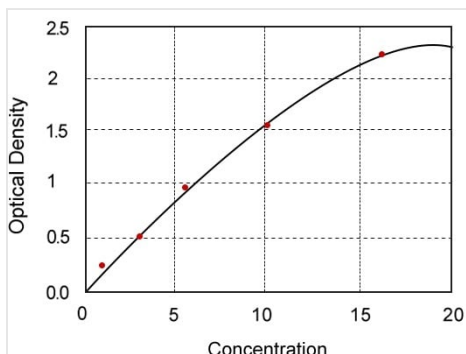
PRODUCT SYNONYMS

Anti-Thrombin III; AT-III; Human Anti-Thrombin III; AT-III ELISA Kit; AT-III elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	465
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5mg/dl - 1000mg/dl
Sensitivity	2.21mg/dl
Intra-Assay	CV<8%
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 AT-III elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Anti-Thrombin ? (also known as AT-?) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human AT-? antibody. AT-? present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human AT-? Antibody is added and binds to AT-? in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated AT-? 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 AT-?. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	18252782
NCBI GeneID	11905
NCBI Accession #	NP_543120.1
NCBI GenBank Nucleotide #	NM_080844.4
UniProt Accession #	P32261
Molecular Weight	52,004 Da
NCBI Official Full Name	antithrombin-III
NCBI Official Synonym Full Names	serine (or cysteine) peptidase inhibitor, clade C (antithrombin), member 1
NCBI Official Symbol	Serpinc1
NCBI Official Synonym Symbols	At3; At-3; ATIII; AI114908
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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/anti-thrombin-iii-at-iii/42372>