

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

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CATALOG #
AAA13071

REACTIVITY
Human

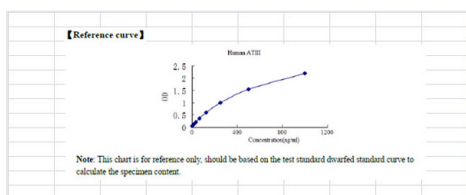
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Sequence Length	464
Samples	Human serum, plasma or cell culture supernatant
Assay Type	Quantitative Sandwich
Detection Range	1000 ng/ml-15.6 ng/ml
Sensitivity	Up to 5 ng/ml
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for ATIII elisa kit

Principle of the Assay: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is human ATIII monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502261
NCBI GeneID	462

NCBI Accession #	NP_000479.1
NCBI GenBank Nucleotide #	NM_000488.3
Molecular Weight	52,602 Da
NCBI Official Full Name	antithrombin-III
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade C (antithrombin), member 1
NCBI Official Symbol	SERPINC1
NCBI Official Synonym Symbols	AT3; AT3D; ATIII; THPH7
NCBI Protein Information	antithrombin-III; serine (or cysteine) proteinase inhibitor, clade C (antithrombin), member 1
UniProt Protein Name	Antithrombin-III
UniProt Gene Name	SERPINC1
UniProt Synonym Gene Names	AT3; PRO0309; ATIII
UniProt Entry Name	ANT3_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/human-elisa-kits/antithrombin-iii-atiii/13071>