

Rat Antithrombin III (AT III) ELISA Kit | AT III elisa kit

Rat Antithrombin III, AT III ELISA Kit

CATALOG #
AAA79855

REACTIVITY
Rat

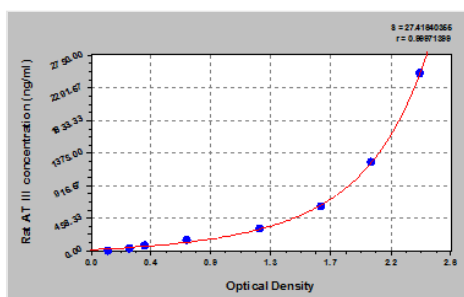
PRODUCT SYNONYMS

Antithrombin III (AT III); Rat Antithrombin III; AT III ELISA Kit; Rat Antithrombin III (AT III) ELISA Kit; AT III elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat AT III. No significant cross-reactivity or interference between rat AT III and analogues was observed.
Sequence Length	465
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	39 ng/ml-2500 ng/ml
Sensitivity	< 9.75 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AT III elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for AT III has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any AT III present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for AT III is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of AT III bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	258959
NCBI GeneID	11905
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; serpin C1; anti-thrombin 3; serpin peptidase inhibitor, clade C, member 1; serine (or cysteine) proteinase inhibitor, clade C (antithrombin), member 1
UniProt Protein Name	Antithrombin-III
UniProt Gene Name	Serpinc1
UniProt Synonym Gene Names	At3; ATIII
UniProt Entry Name	ANT3_MOUSE

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/rat-elisa-kits/antithrombin-iii-at-iii/79855>