

Mouse AT-III ELISA Kit | AT-III elisa kit

Mouse AT-III (anti-Thrombin III) ELISA Kit

CATALOG #
AAA165244

REACTIVITY
Mouse

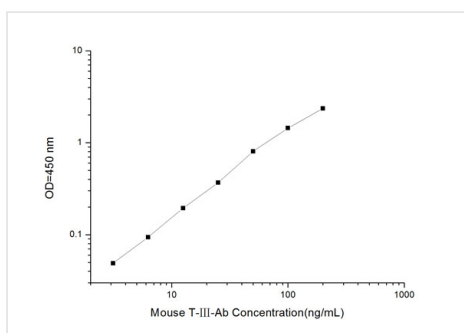
PRODUCT SYNONYMS

AT-III; Mouse AT-III (anti-Thrombin III) ELISA Kit; AT-III elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse AT-III. No significant cross-reactivity or interference between Mouse AT-III and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Mouse AT-III and all the analogues, therefore, cross reaction may still exist.
Sequence Length	465
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	3.125-200ng/mL
Sensitivity	Min: 1.875ng/mL; Max: 200ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AT-III elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of AT-III in Mouse serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse AT-III. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Mouse AT-III and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse AT-III, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Mouse AT-III. You can calculate the concentration of Mouse AT-III in the samples by comparing the OD of the samples to the standard curve.
--	---

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; anti-thrombin 3; serine (or cysteine) proteinase inhibitor, clade C (antithrombin), member 1; serpin C1; serpin peptidase inhibitor, clade C, 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/at-iii/165244>