

Monkey Anti-Thrombin III ELISA Kit | AT-III elisa kit

Monkey Anti-Thrombin III ELISA Kit

CATALOG #
AAA90952

REACTIVITY
Monkey

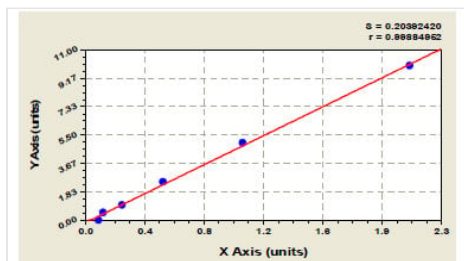
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	25-500ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for AT-III elisa kit

Intended Uses: This AT3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey AT3. This ELISA kit for research use only!

Principle of the Assay: AT3 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for AT3. Standards or samples are then added to the microtiter plate wells and AT3 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of AT3 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for AT3 are added to each well to "sandwich" the AT3 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain AT3 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AT3 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	258959
NCBI GeneID	11905
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/at-iii-monkey-elisa-kits/anti-thrombin-iii/90952>