

Canine Thrombin-antithrombin complex ELISA Kit | TAT elisa kit

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CATALOG #
AAA17031

REACTIVITY
Canine

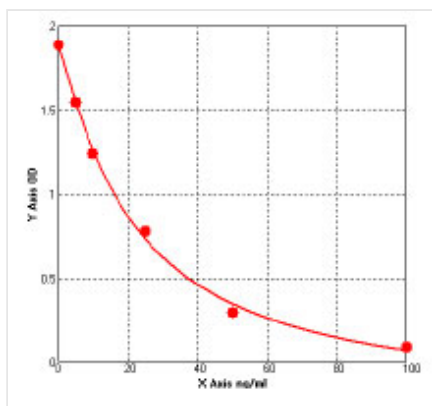
PRODUCT SYNONYMS

Thrombin-antithrombin complex; Canine Thrombin-antithrombin complex ELISA Kit; TAT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	This assay has high sensitivity and excellent specificity for detection of TAT. No significant cross-reactivity or interference between TAT and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between TAT and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TAT elisa kit	Principle of the Assay: TAT ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-TAT antibody and an TAT-HRP conjugate. The assay sample and buffer are incubated together with TAT-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the TAT concentration since TAT from samples and TAT-HRP conjugate compete for the anti-TAT antibody binding site. Since the number of sites is limited, as more sites are occupied by TAT from the sample, fewer sites are left to bind TAT-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TAT concentration in each sample is interpolated from this standard curve. Intended Uses: This TAT ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine TAT. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for TAT elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	301322950
Molecular Weight	8,343 Da
NCBI Official Full Name	tat, partial
UniProt Protein Name	Protein Tat
UniProt Gene Name	tat
UniProt Entry Name	E2FMT9_9HIV1

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/tat-canine-elisa-kits/thrombin-antithrombin-complex/17031>