

Canine Thrombin ELISA Kit | Thrombin elisa kit

Canine Thrombin ELISA Kit

CATALOG #
AAA96936

REACTIVITY
Canine

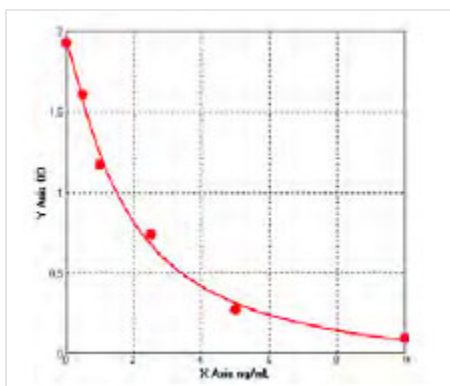
PRODUCT SYNONYMS

Thrombin; Canine Thrombin ELISA Kit; Thrombin elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
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 Thrombin elisa kit

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

Principle of the Assay: Thrombin ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-Thrombin antibody and an Thrombin-HRP conjugate. The assay sample and buffer are incubated together with Thrombin-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 Thrombin concentration since Thrombin from samples and Thrombin-HRP conjugate compete for the anti-Thrombin antibody binding site. Since the number of sites is limited, as more sites are occupied by Thrombin from the sample, fewer sites are left to bind Thrombin-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Thrombin concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	213487
Molecular Weight	27,396 Da
NCBI Official Full Name	thrombin, partial
UniProt Protein Name	Thrombin
UniProt Gene Name	thrombin
UniProt Entry Name	Q91218_ONCMY

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/canine-elisa-kits/thrombin/96936>