

Bovine Thrombin ELISA Kit | Thrombin elisa kit

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CATALOG #
AAA17170

REACTIVITY
Bovine

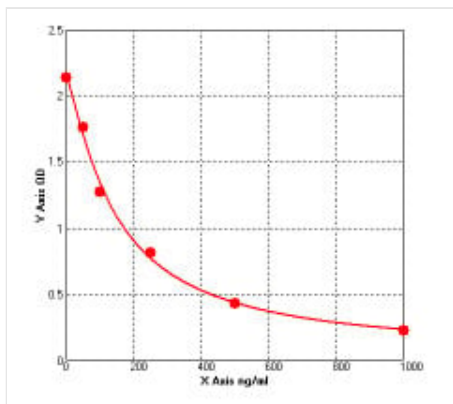
PRODUCT SYNONYMS

Thrombin; Bovine Thrombin ELISA Kit; Thrombin elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of THR. No significant cross-reactivity or interference between THR and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between THR 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 Thrombin elisa kit	Principle of the Assay: THR ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-THR antibody and an THR-HRP conjugate. The assay sample and buffer are incubated together with THR-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 THR concentration since THR from samples and THR-HRP conjugate compete for the anti-THR antibody binding site. Since the number of sites is limited, as more sites are occupied by THR from the sample, fewer sites are left to bind THR-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The THR concentration in each sample is interpolated from this standard curve. Intended Uses: This THR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine THR. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
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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.

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Online datasheet: <https://stage.aaabiotech.com/bovine-ovine-elisa-kits/thrombin/17170>