

Chicken Thrombomodulin ELISA Kit | TM elisa kit

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CATALOG #
AAA90031

REACTIVITY
Chicken

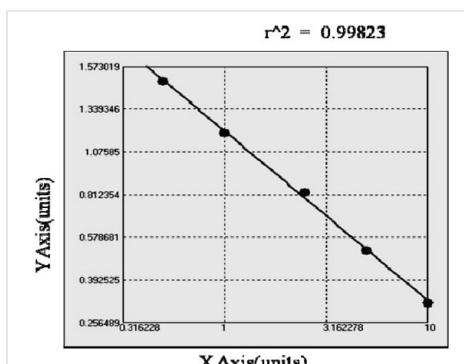
PRODUCT SYNONYMS

Thrombomodulin; Chicken Thrombomodulin ELISA Kit; TM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This TM ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken TM. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TM elisa kit

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

Product Categories/Family for TM elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	339657
NCBI GeneID	7056
UniProt Accession #	P07204; Q8IV29; Q9UC32
Molecular Weight	60,329 Da
NCBI Official Full Name	thrombomodulin
NCBI Official Synonym Full Names	thrombomodulin
NCBI Official Symbol	THBD
NCBI Official Synonym Symbols	TM; THRM; AHUS6; BDCA3; CD141; THPH12
NCBI Protein Information	thrombomodulin; fetomodulin; CD141 antigen
UniProt Protein Name	Thrombomodulin
UniProt Gene Name	THBD
UniProt Synonym Gene Names	THRM; TM
UniProt Entry Name	TRBM_HUMAN

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/tm-chicken-elisa-kits/thrombomodulin/90031>