

Bovine Thrombomodulin ELISA Kit | TM elisa kit

Bovine Thrombomodulin ELISA Kit

CATALOG #
AAA93122

REACTIVITY
Bovine

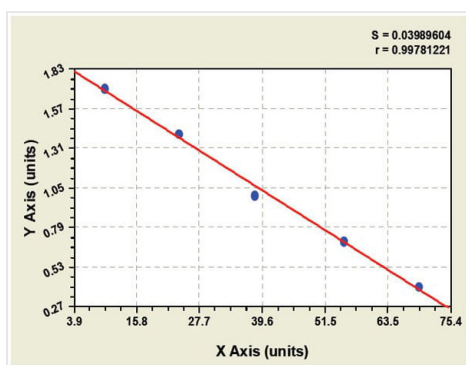
PRODUCT SYNONYMS

Thrombomodulin; Bovine Thrombomodulin ELISA Kit; TM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TM elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This TM ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine TM. This ELISA kit for research use only!

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	339657
NCBI GeneID	7056
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-bovine-ovine-elisa-kits/thrombomodulin/93122>