

Rat Thrombomodulin ELISA Kit | TM elisa kit

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CATALOG #
AAA86080

REACTIVITY
Rat

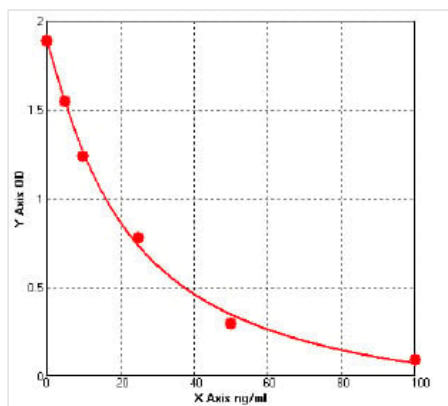
PRODUCT SYNONYMS

Thrombomodulin; Rat Thrombomodulin ELISA Kit; TM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of TM. No significant cross-reactivity or interference between TM and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between TM and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive or Sandwich
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 TM elisa kit	Intended Uses: This TM ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat TM. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: TM ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal 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
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://www.aaabiotech.com/tm-rat-elisa-kits/thrombomodulin/86080>