

Mouse thrombomodulin ELISA Kit | THBD elisa kit

Mouse Soluable Thrombomodulin, STM ELISA Kit

CATALOG #
AAA80625

REACTIVITY
Mouse

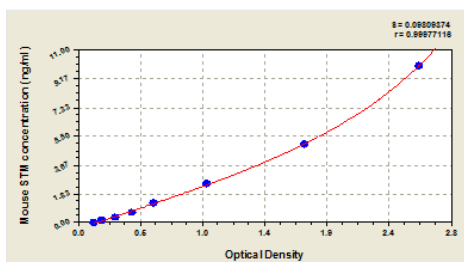
PRODUCT SYNONYMS

thrombomodulin; Mouse Soluable Thrombomodulin; STM ELISA Kit; Mouse Soluable Thrombomodulin (STM) ELISA KIT; AHUS6; CD141; THRM; TM; CD141 antigen; fetomodulin; THBD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse THBD. No significant cross-reactivity or interference between Mouse THBD and analogues was observed.
Sequence Length	577
Samples	Serum, plasma, tissue homogenates
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	0.039 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Blood Coagulation
Protein Biological Process 3	Blood coagulation
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for THBD elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to sTM. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for sTM and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain sTM, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of sTM in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6678339
NCBI GeneID	21824
NCBI Accession #	NP_033404.1
NCBI GenBank Nucleotide #	NM_009378.3
UniProt Accession #	P15306
Molecular Weight	61,868 Da
NCBI Official Full Name	thrombomodulin
NCBI Official Synonym Full Names	thrombomodulin
NCBI Official Symbol	Thbd
NCBI Official Synonym Symbols	TM; CD141; AI385582
NCBI Protein Information	thrombomodulin; fetomodulin; snoRNA MBII-339
UniProt Protein Name	Thrombomodulin
UniProt Gene Name	Thbd
UniProt Synonym Gene Names	TM
UniProt Entry Name	TRBM_MOUSE

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/thbd-mouse-elisa-kits/thrombomodulin/80625>