

Canine Thrombomodulin (TM) ELISA Kit | TM elisa kit

Canine Thrombomodulin (TM) ELISA Kit

CATALOG #
AAA67046

REACTIVITY
Canine

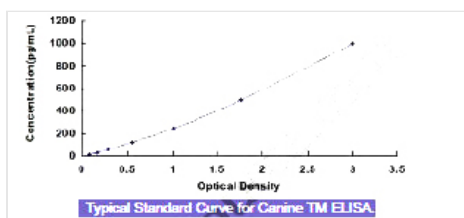
PRODUCT SYNONYMS

Thrombomodulin (TM); Canine Thrombomodulin (TM) ELISA Kit; CD141; THBD; BDCA3; THRM; Fetomodulin; TM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
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.
Sequence Length	578
Samples	Canine plasma
Assay Type	Quantitative Sandwich
Detection Range	15.6-1000pg/mL
Sensitivity	< 5.8pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level TM were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level TM were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TM elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of TM in canine plasma. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to TM. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to TM. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain TM, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of TM in the samples is then determined by comparing the O.D. of the samples to the standard curve.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	55741805
NCBI GeneID	474355
NCBI Accession #	NP_001006954.1
NCBI GenBank Nucleotide #	NM_001006953.2
UniProt Accession #	Q5W7P8
Molecular Weight	60,745 Da
NCBI Official Full Name	thrombomodulin
NCBI Official Symbol	THBD
NCBI Official Synonym Symbols	TM
NCBI Protein Information	thrombomodulin
UniProt Protein Name	Thrombomodulin
UniProt Gene Name	THBD
UniProt Synonym Gene Names	TM

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.