

Canine Thrombospondin-2 (THBS2) ELISA Kit | THBS2 elisa kit

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CATALOG #
AAA246078

REACTIVITY
Canine

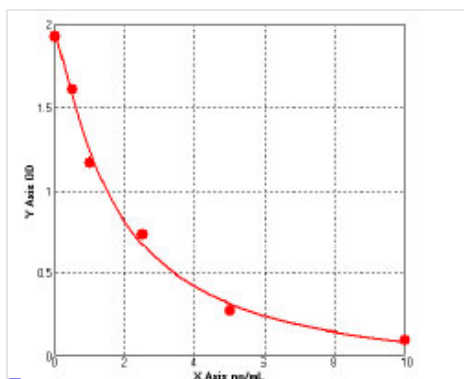
PRODUCT SYNONYMS

Thrombospondin-2 (THBS2); Canine Thrombospondin-2 (THBS2) ELISA Kit; THBS2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	This assay has high sensitivity and excellent specificity for detection of THBS2. No significant cross-reactivity or interference between THBS2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between THBS2 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
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 THBS2 elisa kit	Intended Uses: This THBS2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine THBS2. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: THBS2 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-THBS2 antibody and an THBS2-HRP conjugate. The assay sample and buffer are incubated together with THBS2-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 THBS2 concentration since THBS2 from samples and THBS2-HRP conjugate compete for the anti-THBS2 antibody binding site. Since the number of sites is limited, as more sites are occupied by THBS2 from the sample, fewer sites are left to bind THBS2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The THBS2 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for THBS2 elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	40317628
NCBI GeneID	7058
NCBI Accession #	NP_003238.2
NCBI GenBank Nucleotide #	NM_003247.3
Molecular Weight	129,991 Da
NCBI Official Full Name	thrombospondin-2
NCBI Official Synonym Full Names	thrombospondin 2
NCBI Official Symbol	THBS2
NCBI Official Synonym Symbols	TSP2
NCBI Protein Information	thrombospondin-2
UniProt Protein Name	Thrombospondin-2
UniProt Gene Name	THBS2
UniProt Synonym Gene Names	TSP2
UniProt Entry Name	TSP2_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/canine-elisa-kits/thrombospondin-2-thbs2/246078>