

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

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CATALOG #
AAA246523

REACTIVITY
Mouse

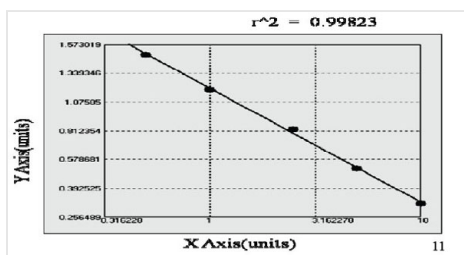
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This THBS2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse THBS2. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for THBS2 elisa kit

Principle of the assay: THBS2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal 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/mouse-elisa-kits/thrombospondin-2-thbs2/246523>