

Mouse TSP-1 ELISA Kit | TSP-1 elisa kit

Mouse TSP-1 (Thrombospondin 1) ELISA Kit

CATALOG #
AAA165272

REACTIVITY
Mouse

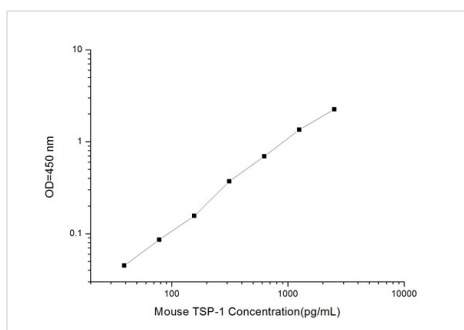
PRODUCT SYNONYMS

TSP-1; Mouse TSP-1 (Thrombospondin 1) ELISA Kit; TSP-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse TSP-1 in samples. No significant cross-reactivity or interference between Mouse TSP-1 and analogues was observed.
Sequence Length	1170
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	39.06-2500pg/mL
Sensitivity	23.44pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse TSP-1 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Mouse TSP-1 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TSP-1 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse TSP-1 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse TSP-1. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse TSP-1 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse TSP-1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Mouse TSP-1. You can calculate the concentration of Mouse TSP-1 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	40317626
NCBI GeneID	7057
NCBI Accession #	NP_003237.2
NCBI GenBank Nucleotide #	NM_003246.2
UniProt Accession #	P07996; Q15667; Q59E99; A8K6H4; B4E3J7; B9EGH6
Molecular Weight	120,148 Da
NCBI Official Full Name	thrombospondin-1
NCBI Official Synonym Full Names	thrombospondin 1
NCBI Official Symbol	THBS1
NCBI Official Synonym Symbols	TSP; THBS; TSP1; TSP-1; THBS-1
NCBI Protein Information	thrombospondin-1; thrombospondin-1p180
UniProt Protein Name	Thrombospondin-1
UniProt Gene Name	THBS1
UniProt Synonym Gene Names	TSP; TSP1
UniProt Entry Name	TSP1_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.