

Mouse Thrombospondin 1 (THBS1) ELISA Kit | THBS1 elisa kit

High Sensitive Mouse Thrombospondin 1 (THBS1) ELISA Kit

CATALOG #
AAA21124

REACTIVITY
Mouse

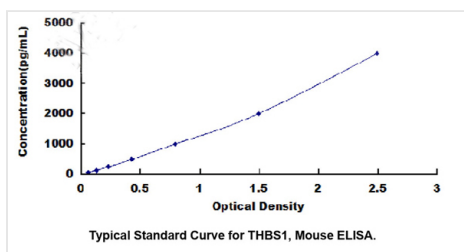
PRODUCT SYNONYMS

Thrombospondin 1 (THBS1); High Sensitive Mouse Thrombospondin 1 (THBS1) ELISA Kit; TSP1; Thrombospondin-1p180; THBS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of THBS1. No significant cross-reactivity or interference between THBS1 and analogues was observed.
Sequence Length	1170
Assay Type	Quantitative Sandwich
Samples	Mouse plasma, tissue homogenates and other biological fluids
Detection Range	62.5-4,000pg/mL
Sensitivity	< 26.7pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level THBS1 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 THBS1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for THBS1 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to THBS1. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to THBS1. 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 THBS1, 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 THBS1 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of THBS1 in mouse plasma, tissue homogenates and other biological fluids.
Product Categories/Family for THBS1 elisa kit	Infection immunity; Hematology

NCBI AND UNIPROT INFORMATION

NCBI GI #	549134
NCBI GeneID	21825
UniProt Accession #	P35441
Molecular Weight	129,647 Da
NCBI Official Full Name	Thrombospondin-1
NCBI Official Synonym Full Names	thrombospondin 1
NCBI Official Symbol	Thbs1
NCBI Official Synonym Symbols	TSP1; TSP-1; tbsp1; Thbs-1
NCBI Protein Information	thrombospondin-1
UniProt Protein Name	Thrombospondin-1
UniProt Gene Name	Thbs1
UniProt Synonym Gene Names	Tsp1

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://www.aaabiotech.com/mouse-elisa-kits/thrombospondin-1-thbs1/21124>