

Mouse Thrombospondin 2 (THBS2) CLIA Kit | THBS2 clia kit

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CATALOG # AAA150426	REACTIVITY Mouse	APPLICATIONS CLIA (Chemiluminescence Immunoassay)
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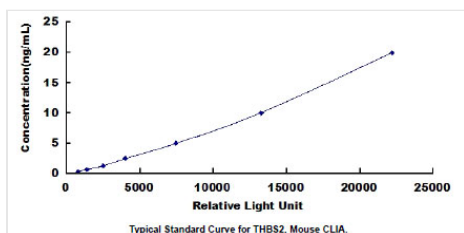
PRODUCT SYNONYMS

Thrombospondin 2 (THBS2); Mouse Thrombospondin 2 (THBS2) CLIA Kit; TSP2; THBS2 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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.
Assay Type	Double-antibody Sandwich
Samples	Plasma, Tissue homogenates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	0.112ng/mL
Applicable Applications for THBS2 clia kit	CLIA (Chemiluminescence Immunoassay)
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level THBS2 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 THBS2 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 THBS2 clia kit	Intended Uses: The Chemiluminescent Immunoassay kit is designed for the in vitro sensitive quantitative measurement of THBS2 in mouse plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to THBS2. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to THBS2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the THBS2 level in the sample or standard.
Product Categories/Family for THBS2 clia kit	Hematology

NCBI AND UNIPROT INFORMATION

NCBI GI #	239787900
NCBI GeneID	21826
NCBI Accession #	NP_035711.2
NCBI GenBank Nucleotide #	NM_011581.3
UniProt Accession #	Q03350; Q8CG21
Molecular Weight	129,882 Da
NCBI Official Full Name	thrombospondin-2
NCBI Official Synonym Full Names	thrombospondin 2
NCBI Official Symbol	Thbs2
NCBI Official Synonym Symbols	TSP2; Thbs-2
NCBI Protein Information	thrombospondin-2
UniProt Protein Name	Thrombospondin-2
UniProt Gene Name	Thbs2
UniProt Synonym Gene Names	Tsp2
UniProt Entry Name	TSP2_MOUSE

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-clia-kits/thrombospondin-2-thbs2/150426>