

Human Thrombospondin 3 (THBS3) ELISA Kit | THBS3 elisa kit

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CATALOG #
AAA68728

REACTIVITY
Human

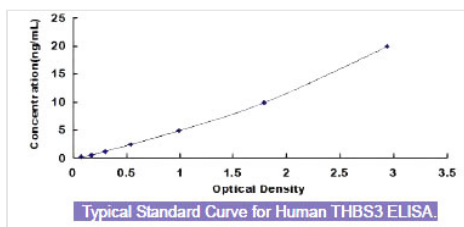
PRODUCT SYNONYMS

Thrombospondin 3 (THBS3); Human Thrombospondin 3 (THBS3) ELISA Kit; TSP3; THBS3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of THBS3. No significant cross-reactivity or interference between THBS3 and analogues was observed.
Sequence Length	947
Samples	plasma
Assay Type	Quantitative Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	<0.116ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level THBS3 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 THBS3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for THBS3 elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of THBS3 in human plasma.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to THBS3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to THBS3. 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 THBS3, 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 THBS3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	357933594
NCBI GeneID	7059
NCBI Accession #	NP_001239536.1
NCBI GenBank Nucleotide #	NM_001252607.1
UniProt Accession #	P49746; Q8WV34; B1AVR8; B4DQ20
Molecular Weight	91,297 Da
NCBI Official Full Name	thrombospondin-3 isoform 2
NCBI Official Synonym Full Names	thrombospondin 3
NCBI Official Symbol	THBS3
NCBI Official Synonym Symbols	TSP3
NCBI Protein Information	thrombospondin-3
UniProt Protein Name	Thrombospondin-3
UniProt Gene Name	THBS3
UniProt Synonym Gene Names	TSP3

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/human-elisa-kits/thrombospondin-3-thbs3/68728>