

Human Thrombospondin-1 ELISA Kit | TSP-1 elisa kit

Human Thrombospondin-1 ELISA Kit

CATALOG #
AAA98524

REACTIVITY
Human

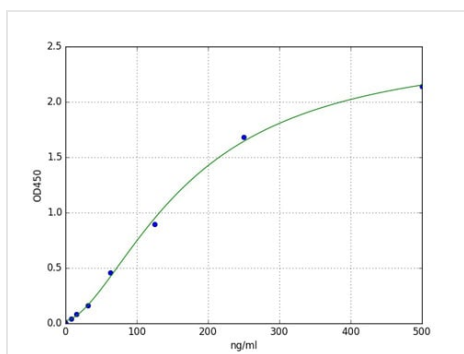
PRODUCT SYNONYMS

Thrombospondin-1; Human Thrombospondin-1 ELISA Kit; TSP-1/THBS1/TSP-1/THBS/THBS-1/thrombospondin 1/thrombospondin-1p180/TSP1thrombospondin-1/TSPTSP-1; TSP-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1170
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	3.125-200ng/ml
Sensitivity	1.875ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Typical Data & Standard Curve

Results of a typical standard run of a Human TSP-1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment (N/A-not applicable)

X	ng/ml	0	7.8	15.6	31.2	62.5	125	250	500
Y	OD450	0.031	0.061	0.104	0.186	0.352	0.656	1.207	2.088

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TSP-1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human TSP-1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human TSP-1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human TSP-1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human TSP-1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	40317626
NCBI GeneID	7057
NCBI Accession #	NP_003237.2
NCBI GenBank Nucleotide #	NM_003246.3
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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/tsp-1-human-elisa-kits/thrombospondin-1/98524>