

Human thrombospondin 4 ELISA Kit | THBS4 elisa kit

Human Thrombospondin-4, THBS4 ELISA Kit

CATALOG #
AAA112903

REACTIVITY
Human

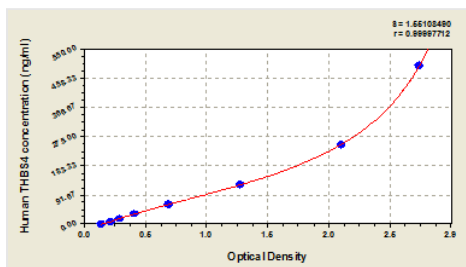
PRODUCT SYNONYMS

thrombospondin 4; Human Thrombospondin-4; THBS4 ELISA Kit; Human Thrombospondin-4 (THBS4) ELISA kit; TSP4; ; THBS4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human THBS4. No significant cross-reactivity or interference between human THBS4 and analogues was observed.
Sequence Length	961
Samples	Serum, plasma
Assay Type	Sandwich
Detection Range	7.8 ng/ml -500 ng/ml.
Sensitivity	The minimum detectable dose of human THBS4 is typically less than 1.95 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for THBS4 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for THBS4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any THBS4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for THBS4 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of THBS4 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31543806
NCBI GeneID	7060
NCBI Accession #	NP_003239.2
NCBI GenBank Nucleotide #	NM_003248.4
UniProt Accession #	P35443; Q86TG2; B2R909
Molecular Weight	105,869 Da
NCBI Official Full Name	thrombospondin-4
NCBI Official Synonym Full Names	thrombospondin 4
NCBI Official Symbol	THBS4
NCBI Official Synonym Symbols	TSP4
NCBI Protein Information	thrombospondin-4
UniProt Protein Name	Thrombospondin-4
UniProt Gene Name	THBS4
UniProt Synonym Gene Names	TSP4
UniProt Entry Name	TSP4_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.

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Online datasheet: <https://www.aaabiotech.com/thbs4-human-elisa-kits/thrombospondin-4/112903>