

Human TSP2 ELISA Kit | THBS2 elisa kit

Human TSP2 PicoKine ELISA Kit

CATALOG #
AAA45209

REACTIVITY
Human

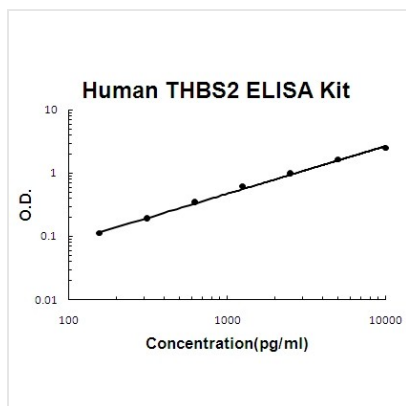
PRODUCT SYNONYMS

TSP2; Human TSP2 PicoKine ELISA Kit; Thrombospondin-2; thrombospondin 2; THBS2; TSP2_HUMAN; THBS2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant human TSP2
Sequence Length	1172
Samples	Cell culture supernates, serum, plasma (heparin, EDTA) and human milk
Assay Type	Sandwich
Detection Range	156pg/ml-10,000pg/ml
Sensitivity	< 10pg/ml
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Human TSP2 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for THBS2 elisa kit	Principle of the assay: human TSP2 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for TSP2 has been precoated onto 96-well plates. Standards and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for TSP2 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was 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 TSP2 amount of sample captured in plate. Background: Thrombospondin-2(TSP-2) is a protein that in humans is encoded by the THBS2 gene.And this gene is mapped to 6q27. The protein encoded by this gene belongs to the thrombospondin family. It is a disulfide-linked homotrimeric glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. This protein has been shown to function as a potent inhibitor of tumor growth and angiogenesis. Studies of the mouse counterpart suggest that this protein may modulate the cell surface properties of mesenchymal cells and be involved in cell adhesion and migration. TSP-2 has been shown to interact with MMP2.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	215273908
NCBI GeneID	7058
UniProt Accession #	P35442; Q5RI52; A6H8N1; A7E232
Molecular Weight	129,991 Da
NCBI Official Full Name	Thrombospondin-2
NCBI Official Synonym Full Names	thrombospondin 2
NCBI Official Symbol	THBS2
NCBI Official Synonym Symbols	TSP2
NCBI Protein Information	thrombospondin-2
UniProt Protein Name	Thrombospondin-2
UniProt Gene Name	THBS2
UniProt Synonym Gene Names	TSP2
UniProt Entry Name	TSP2_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.