

Porcine TSP-2 ELISA Kit | TSP-2 elisa kit

Porcine TSP-2 (Thrombospondin-2) ELISA Kit

CATALOG #
AAA163999

REACTIVITY
Porcine

PRODUCT SYNONYMS

TSP-2; Porcine TSP-2 (Thrombospondin-2) ELISA Kit; TSP-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This kit recognizes Porcine TSP-2 in samples. No significant cross-reactivity or interference between Porcine TSP-2 and analogues was observed.
Sequence Length	1172
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.31-20ng/mL
Sensitivity	0.19ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Porcine TSP-2 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Porcine TSP-2 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for TSP-2 elisa kit

Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Porcine TSP-2. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Porcine TSP-2 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Porcine TSP-2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The OD value is proportional to the concentration of Porcine TSP-2. You can calculate the concentration of Porcine TSP-2 in the samples by comparing the OD of the samples to the standard curve.

Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Porcine TSP-2 concentrations in serum, plasma and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	40317628
NCBI GeneID	7058
NCBI Accession #	NP_003238.2

NCBI GenBank Nucleotide #	NM_003247.3
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.

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Online datasheet: <https://www.aaabiotech.com/porcine-elisa-kits/tsp-2/163999>