Thrombospondin 3 (THBS3) ELISA Kit for Chicken

PRODUCT OVERVIEW

Product Name	Thrombospondin 3 (THBS3), ELISA Kit
Full Product Name	Chicken Thrombospondin 3 ELISA Kit
Product Gene Name	THBS3 elisa kit
Species Reactivity	Chicken
Preparation and Storage	Store all reagents at 2-8 degree C
Molecular Weight	104,201 Da
OMIM	188062
3D Structure	ModBase 3D Structure for P49746
Related Product Information for THBS3 elisa kit	MBS052240 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Thrombospondin 3 (THBS3) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing THBS3. The ELISA analytical biochemical technique of the MBS052240 kit is based on THBS3 antibody-THBS3 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect THBS3 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, THBS3. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of THBS3 elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for THBS3. It may not necessarily be applicable to this product.

NCBI GI #	357933596
NCBI GeneID	7059
NCBI Accession #	NP_001239537.1
UniProt Primary Accession #	P49746
UniProt Secondary Accession #	Q8WV34; B1AVR8; B4DQ20
UniProt Related Accession #	P49746
GenBank Nucleotide #	NM_001252608.1
NCBI Official Full Name	thrombospondin-3 isoform 3
NCBI Official Synonym Full Names	thrombospondin 3
NCBI Official Symbol	THBS3
NCBI Official Synonym Symbols	TSP3
UniProt Protein Name	Thrombospondin-3
Protein Family	Thrombospondin
UniProt Gene Name	THBS3

UniProt Synonym Gene Names	TSP3
UniProt Entry Name	TSP3_HUMAN
NCBI Protein Information	thrombospondin-3
NCBI Summary for THBS3	The protein encoded by this gene belongs to the thrombospondin family. Thrombospondin family members are adhesive glycoproteins that mediate cell-to-cell and cell-to-matrix interactions. This protein forms a pentameric molecule linked by a single disulfide bond. This gene shares a common promoter with metaxin 1. Alternate splicing results in coding and non-coding transcript variants. [provided by RefSeq, Nov 2011]
UniProt Comments for THBS3	THBS3: Adhesive glycoprotein that mediates cell-to-cell and cell-to-matrix interactions. Can bind to fibrinogen, fibronectin, laminin and type V collagen. Belongs to the thrombospondin family. Protein type: Motility/polarity/chemotaxis Chromosomal Location of Human Ortholog: 1q21 Cellular Component: perinuclear region of cytoplasm; extracellular region Molecular Function: heparin binding; calcium ion binding Biological Process: cell-matrix adhesion
Research Articles on THBS3	**1.** Normal human adult corneal keratocytes have mRNA for this protein.
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