

Human WISP1 ELISA Kit | WISP1 elisa kit

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CATALOG # AAA105629	REACTIVITY Human	APPLICATIONS ELISA
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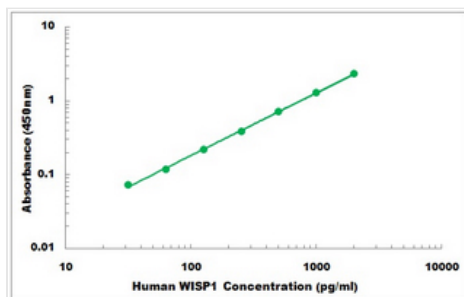
PRODUCT SYNONYMS

WISP1; Human WISP1 ELISA Kit; CCN4; WNT1-inducible-signaling pathway protein 1; WISP-1; CCN family member 4; Wnt-1-induced secreted protein; WISP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human WISP1 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human WISP1 proteins within the range of 31.2 pg/ml - 2000 pg/ml.
Sequence Length	155
Samples	Cell Culture Supernatants, Serum, Plasma
Sensitivity	The minimum detectable dose of Human WISP1 is typically less than 10 pg/ml.
Applicable Applications for WISP1 elisa kit	ELISA (Sandwich ELISA)
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for WISP1 elisa kit	Principle of the assay: The MBS Bioscience Human WISP1 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human WISP1 in Cell Culture Supernatants, Serum, Plasma. This assay employs an antibody specific for Human WISP1 coated on a 96-well plate. Standards and samples are pipetted into the wells and WISP1 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human WISP1 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of WISP1 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm. Background: WISP1 (WNT1-Inducible Signaling Pathway Protein 1), also known as CCN4, is a matricellular protein that in humans is encoded by the WISP1 gene. WISP1 is induced by WNT1 and belongs to the CCN family, which includes connective tissue growth factor, cysteine-rich-61, and nephroblastoma overexpressed. By use of radiation hybrid mapping panels, the WISP1 was mapped to chromosome 8q24.1-q24.3, roughly 4 Mb distal to MYC. It found that 2 distinct systems demonstrated that WISP induction was associated with expression of WNT1. WISP1 genomic DNA was amplified in colon cancer cell lines and in human colon tumors, and its RNA was overexpressed in 84% of tumors examined compared with patient-matched normal mucosa.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	325910843
NCBI GeneID	8840
NCBI Accession #	NP_001191798.1
NCBI GenBank Nucleotide #	NM_001204869.1
UniProt Accession #	O95388; Q5JBS6; Q5JBS7; Q5JBS8; Q9HCS3; A8KAG6; E7EMM5
Molecular Weight	21,550 Da
NCBI Official Full Name	WNT1-inducible-signaling pathway protein 1 isoform 3
NCBI Official Synonym Full Names	WNT1 inducible signaling pathway protein 1
NCBI Official Symbol	WISP1
NCBI Official Synonym Symbols	CCN4; WISP1c; WISP1i; WISP1tc
NCBI Protein Information	WNT1-inducible-signaling pathway protein 1; CTC-458A3.8; CCN family member 4; WNT1 induced secreted protein 1; Wnt-1 inducible signaling pathway protein 1
UniProt Protein Name	WNT1-inducible-signaling pathway protein 1
UniProt Gene Name	WISP1
UniProt Synonym Gene Names	CCN4; WISP-1
UniProt Entry Name	WISP1_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.