

Mouse WNT1 Inducible Signaling Pathway Protein 1 (WISP1) ELISA Kit | WISP1 elisa kit

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CATALOG #
AAA137029

REACTIVITY
Mouse

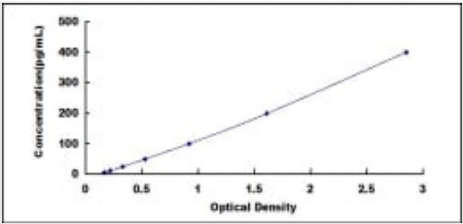
PRODUCT SYNONYMS

WNT1 Inducible Signaling Pathway Protein 1 (WISP1); Mouse WNT1 Inducible Signaling Pathway Protein 1 (WISP1) ELISA Kit; CCN4; WISP1c; WISP1i; WISP1tc; CCN family member 4; Wnt-1-induced secreted protein; WISP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of WNT1 Inducible Signaling Pathway Protein 1 (WISP1). No significant cross-reactivity or interference between WNT1 Inducible Signaling Pathway Protein 1 (WISP1) and analogues was observed.
Sequence Length	367
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	0.115ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level WNT1 Inducible Signaling Pathway Protein 1 (WISP1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level WNT1 Inducible Signaling Pathway Protein 1 (WISP1) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for WISP1 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to WNT1 Inducible Signaling Pathway Protein 1 (WISP1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to WNT1 Inducible Signaling Pathway Protein 1 (WISP1). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain WNT1 Inducible Signaling Pathway Protein 1 (WISP1), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of WNT1 Inducible Signaling Pathway Protein 1 (WISP1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for WISP1 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507921
NCBI GeneID	8840
NCBI Accession #	NP_003873.1
NCBI GenBank Nucleotide #	NM_003882.3
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 1
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
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.