

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

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CATALOG #
AAA64246

REACTIVITY
Mouse

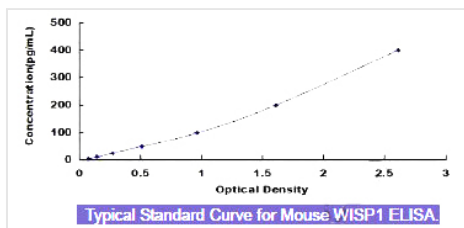
PRODUCT SYNONYMS

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 WISP1. No significant cross-reactivity or interference between WISP1 and analogues was observed.
Sequence Length	367
Samples	Serum, plasma, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	6.25-400pg/mL
Sensitivity	<2.26pg/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level WISP1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level WISP1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for WISP1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of WISP1 in mouse serum, plasma, tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to WISP1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to 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 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 WISP1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	9256533
NCBI GeneID	22402
NCBI Accession #	NP_061353.1
NCBI GenBank Nucleotide #	NM_018865.2
UniProt Accession #	O54775; Q80ZL1
Molecular Weight	40,703 Da
NCBI Official Full Name	WNT1-inducible-signaling pathway protein 1
NCBI Official Synonym Full Names	WNT1 inducible signaling pathway protein 1
NCBI Official Symbol	Wisp1
NCBI Official Synonym Symbols	CCN4; Elm1; AW146261
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; Elm1; WISP-1

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://stage.aaabiotech.com/mouse-elisa-kits/wnt1-inducible-signaling-pathway-protein-1-wisp1/64246>