

Porcine WNT1 Inducible Signaling Pathway Protein 1 ELISA Kit | WISP1 elisa kit

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CATALOG #
AAA17254

REACTIVITY
Porcine

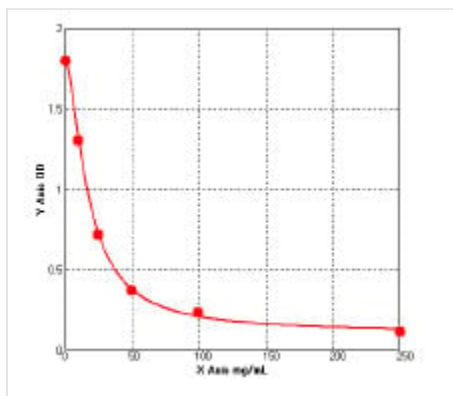
PRODUCT SYNONYMS

WNT1 Inducible Signaling Pathway Protein 1; Porcine WNT1 Inducible Signaling Pathway Protein 1 ELISA Kit; WISP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
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. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between WISP1 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Intended Uses	This WISP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine WISP1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for WISP1 elisa kit	Principle of the Assay: WISP1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-WISP1 antibody and an WISP1-HRP conjugate. The assay sample and buffer are incubated together with WISP1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the WISP1 concentration since WISP1 from samples and WISP1-HRP conjugate compete for the anti-WISP1 antibody binding site. Since the number of sites is limited, as more sites are occupied by WISP1 from the sample, fewer sites are left to bind WISP1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The WISP1 concentration in each sample is interpolated from this standard curve. Intended Uses: This WISP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine WISP1. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
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
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; 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.

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Online datasheet: <https://stage.aaabiotech.com/wisp1-porcine-elisa-kits/wnt1-inducible-signaling-pathway-protein-1/17254>