Human CCN5 (CCN family member 5) ELISA Kit | CCN5 elisa kit

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CATALOG #	REACTIVITY
AAA249698	**Human**

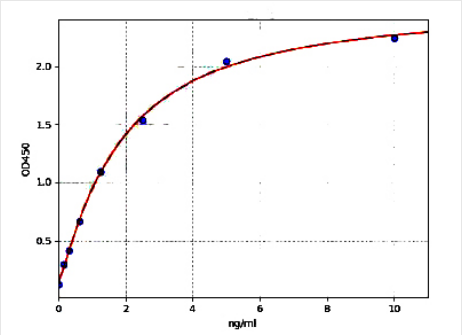
PRODUCT SYNONYMS

CCN5 (CCN family member 5); Human CCN5 (CCN family member 5) ELISA Kit; CCN family member 5; Connective tissue growth factor-like protein; CTGF-L; Connective tissue growth factor-related protein 58; WNT1-inducible-signaling pathway protein 2; WISP-2; CCN5; CT58; CTGFL; WISP2; UNQ228; PRO261; CCN5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CCN5. No significant cross-reactivity or interference between CCN5 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CCN5 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	24211561
NCBI GeneID	8839
UniProt Accession #	O76076; Q6PEG3; B2R9N4; E1P612
Molecular Weight	Observed: 27kDa Calculated: 22kDa/26kDa
NCBI Official Full Name	WNT1-inducible-signaling pathway protein 2
NCBI Official Synonym Full Names	WNT1 inducible signaling pathway protein 2
NCBI Official Symbol	WISP2
NCBI Official Synonym Symbols	CCN5; CT58; CTGF-L
NCBI Protein Information	WNT1-inducible-signaling pathway protein 2; WISP-2; CCN family member 5; wnt-1 signaling pathway protein 2; connective tissue growth factor-like protein; connective tissue growth factor-related protein 58
UniProt Protein Name	WNT1-inducible-signaling pathway protein 2
UniProt Gene Name	**WISP2**
UniProt Synonym Gene Names	CCN5; CT58; CTGFL; WISP-2; CTGF-L
UniProt Entry Name	WISP2_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/human-elisa-kits/ccn5-ccn-family-member-5/249698