

Mouse VCAN (Versican core protein) ELISA Kit | VCAN elisa kit

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CATALOG #
AAA250073

REACTIVITY
Mouse

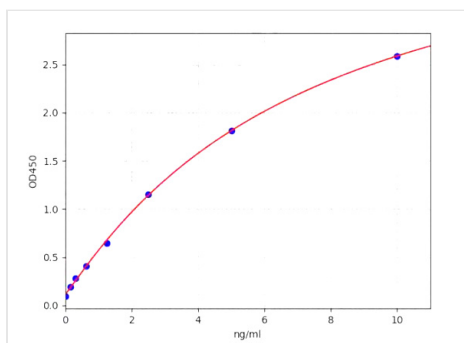
PRODUCT SYNONYMS

VCAN (Versican core protein); Mouse VCAN (Versican core protein) ELISA Kit; Versican core protein; Chondroitin sulfate proteoglycan core protein 2; Chondroitin sulfate proteoglycan 2; Large fibroblast proteoglycan; PG-M; Cspg2; Vcan; VCAN; VCAN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of VCAN. No significant cross-reactivity or interference between VCAN and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
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 VCAN 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	108935831
NCBI GeneID	13003
UniProt Accession #	Q62059; Q62058; Q9CUU0
Molecular Weight	74,177 Da
NCBI Official Full Name	Versican core protein
NCBI Official Synonym Full Names	versican
NCBI Official Symbol	Vcan
NCBI Official Synonym Symbols	NG2; hdf; PG-M; Cspg2; DPEAAE; PG-M(V0); PG-M(V1); 9430051N09; 5430420N07Rik
NCBI Protein Information	versican core protein; PG-M core protein; Versican core protein precursor (Large fibroblast proteoglycan) (Chondroitin sulfate proteoglycan core protein 2) (PG-M); chondroitin sulfate proteoglycan 2; chondroitin sulfate proteoglycan core protein 2; heart
UniProt Protein Name	Versican core protein
UniProt Gene Name	Vcan
UniProt Synonym Gene Names	Cspg2; Chondroitin sulfate proteoglycan 2
UniProt Entry Name	CSPG2_MOUSE

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.