

Mouse Versican core protein ELISA Kit | Vcan elisa kit

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CATALOG #
AAA57469

REACTIVITY
Mouse

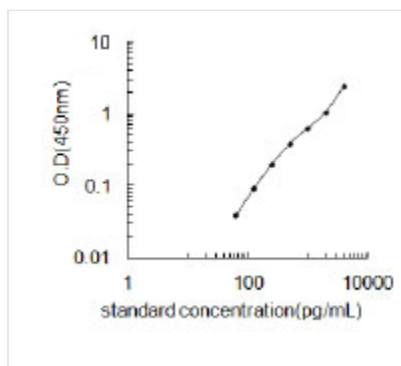
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Versican core protein
Sequence Length	3357
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	62.5 pg/mL -4000 pg/mL
Sensitivity	<31.25 pg/mL
Intra-assay Precision	Intra-Assay CV: <=5.5%
Inter-assay Precision	Inter-Assay CV: <=8.6%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Vcan elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen 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 #	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
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.