

Rat Versican ELISA Kit | VCAN elisa kit

Rat Versican ELISA Kit

CATALOG # AAA33035	REACTIVITY Rat
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PRODUCT SYNONYMS

Versican; Rat Versican ELISA Kit; VCAN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	No significant cross-reactivity or interference between Rat VCAN and analogues was observed.
Sequence Length	3396
Samples	Serum, Plasma, Tissue Homogenate, Feces and Urine
Assay Type	Sandwich
Detection Range	3.12 ng/ml - 100 ng/ml.
Sensitivity	1.0 ng/ml.
Intended Uses	This Quantitative Sandwich ELISA kit is only for in vitro research use only, not for drug, household, therapeutic applications! It is intended to be determinated VCAN concentrations in Rat serum, plasma and other body fluids. Using Purified Rat VCAN antibody to coat Microelisa Stripplate wells to make solid-phase antibody, then add VCAN and VCAN antibody which has been labeled with HRP to wells, then the reactants become antibody-antigen-antibody-enzyme complex, after washing completely, add TMB substrate solution, TMB substrate becomes blue color under HRP enzyme-catalyzed, reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. The concentration of VCAN in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Intra-assay Precision	Intra-assay CV (%) is less than 15%.
Inter-assay Precision	Inter-assay CV (%) is less than 15%. [CV(%) = SD/mean ×100]
Preparation and Storage	Store all reagents at 2-8 degree C

ADDITIONAL INFORMATION

Related Product Information for VCAN elisa kit	Background: This Quantitative Sandwich ELISA kit is only for in vitro research use only! It is intended to be determinated VCAN concentrations in Rat serum, plasma and other body fluids. Using Purified Rat VCAN antibody to coat Microelisa Stripplate wells to make solid-phase antibody, then add VCAN and VCAN antibody which has been labeled with HRP to wells, then the reactants become antibody-antigen-antibody-enzyme complex, after washing completely, add TMB substrate solution, TMB substrate becomes blue color under HRP enzyme-catalyzed, reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. The concentration of VCAN 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 #	21361116
NCBI GeneID	1462
NCBI Accession #	NP_004376.2

NCBI GenBank Nucleotide #	NM_004385.4
UniProt Accession #	P13611; P20754; Q13010; Q13189; Q15123; Q9UCL9; Q9UNW5
Molecular Weight	372,820 Da
NCBI Official Full Name	versican core protein isoform 1
NCBI Official Synonym Full Names	versican
NCBI Official Symbol	VCAN
NCBI Official Synonym Symbols	WGN; ERVR; GHAP; PG-M; WGN1; CSPG2
NCBI Protein Information	versican core protein; versican proteoglycan; large fibroblast proteoglycan; glial hyaluronate-binding protein; chondroitin sulfate proteoglycan 2; chondroitin sulfate proteoglycan core protein 2
UniProt Protein Name	Versican core protein
UniProt Gene Name	VCAN
UniProt Synonym Gene Names	CSPG2; Chondroitin sulfate proteoglycan 2; GHAP
UniProt Entry Name	CSPG2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/vcan-rat-elisa-kits/versican/33035>