

Mouse Aggrecan core protein ELISA Kit | Acan elisa kit

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CATALOG #
AAA98951

REACTIVITY
Mouse

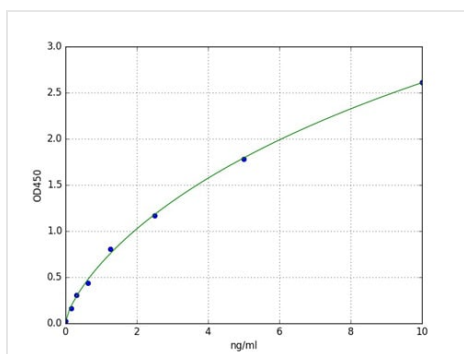
PRODUCT SYNONYMS

Aggrecan core protein; Mouse Aggrecan core protein ELISA Kit; Acan/Cartilage-specific proteoglycan core protein/CSPCP/Chondroitin sulfate proteoglycan core protein 1/Chondroitin sulfate proteoglycan 1/AGC1/CSPG1/MSK16/AGCAN/CSPGCP/SEDK; Acan elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	2530
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
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)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse Acan ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.070	0.111	0.149	0.265	0.470	0.807	1.483	2.045

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Acan elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse Acan antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Acan antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Mouse Acan amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Acan can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	256017257
NCBI GeneID	176
NCBI Accession #	NP_037359.3
NCBI GenBank Nucleotide #	NM_013227.3
Molecular Weight	239,235 Da
NCBI Official Full Name	aggrecan core protein isoform 2
NCBI Official Synonym Full Names	aggrecan
NCBI Official Symbol	ACAN
NCBI Official Synonym Symbols	AGC1; SEDK; AGCAN; CSPG1; MSK16; CSPGCP
NCBI Protein Information	aggrecan core protein
UniProt Protein Name	Aggrecan core protein
UniProt Gene Name	ACAN
UniProt Synonym Gene Names	AGC1; CSPG1; MSK16; CSPCP; Chondroitin sulfate proteoglycan 1
UniProt Entry Name	PGCA_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/acan-mouse-elisa-kits/aggrecan-core-protein/98951>