

Rabbit aggrecan 1 ELISA Kit | ACAN elisa kit

Rabbit Aggrecan core protein, ACAN ELISA Kit

CATALOG #
AAA79472

REACTIVITY
Rabbit

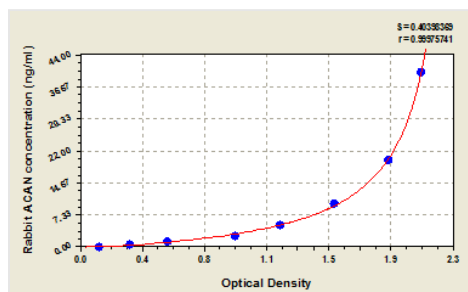
PRODUCT SYNONYMS

aggrecan 1; Rabbit Aggrecan core protein; ACAN ELISA Kit; Rabbit Aggrecan core protein (ACAN) ELISA kit; AGC1; AGCAN; CSPG1; CSPGCP; MSK16; SEDK; cartilage-specific proteoglycan core protein; chondroitin sulfate proteoglycan 1; large aggregating proteoglycan; ACAN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of Rabbit ACAN. No significant cross-reactivity or interference between Rabbit ACAN and analogues was observed.
Sequence Length	394
Samples	Serum, plasma, tissue homogenates
Assay Type	Competitive
Detection Range	0.625 ng/ml-40 ng/ml
Sensitivity	0.156 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACAN elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. An antibody specific to aggrecan has been pre-coated onto a microplate. Standards or samples are added to the appropriate microtiter plate wells with biotin-conjugated aggrecan and incubated. A competitive inhibition reaction is launched between aggrecan (Standards or samples) and Biotin-conjugated aggrecan with the pre-coated antibody specific for aggrecan. The more amount of aggrecan in samples, the less antibody bound by Biotin-conjugated aggrecan. Then Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The substrate solutions are added to the wells, respectively. And the color develops in opposite to the amount of aggrecan in the sample. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2497652
UniProt Accession #	Q28670
Molecular Weight	43,306 Da
NCBI Official Full Name	Aggrecan core protein
UniProt Protein Name	Aggrecan core protein
UniProt Gene Name	ACAN
UniProt Synonym Gene Names	AGC1; CSPCP
UniProt Entry Name	PGCA_RABIT

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-rabbit-elisa-kits/aggrecan-1/79472>