

Rat AGC (Aggrecan) ELISA Kit | AGC elisa kit

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CATALOG #
AAA278586

REACTIVITY
Rat

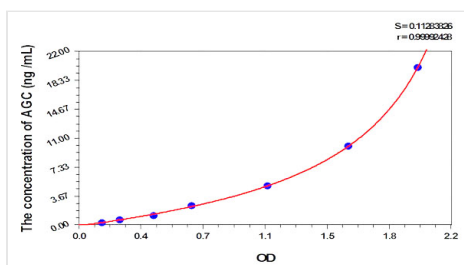
PRODUCT SYNONYMS

AGC (Aggrecan); Rat AGC (Aggrecan) ELISA Kit; ACAN; AGC1; AGCAN; CSPG1; CSPCP; CSPGCP; MSK16; SEDK; Cartilage-specific proteoglycan core protein; Large Aggregating Proteoglycan; Chondroitin Sulfate Proteoglycan 1; AGC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.32-20ug/mL
Sensitivity	0.152ug/mL

IMAGES



ADDITIONAL INFORMATION

Related Product Information for AGC elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat AGC. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat AGC. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Rat AGC, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Rat AGC in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for AGC elisa kit

[Signal transduction](#); [Metabolic pathway](#); [Bone metabolism](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	11990616
NCBI GeneID	58968
NCBI Accession #	NP_071526.1

NCBI GenBank Nucleotide #	NM_022190.1
UniProt Accession #	P07897
Molecular Weight	225,171 Da
NCBI Official Full Name	aggrecan core protein
NCBI Official Synonym Full Names	aggrecan
NCBI Official Symbol	Acan
NCBI Official Synonym Symbols	Agc; Agc1
NCBI Protein Information	aggrecan core protein
UniProt Protein Name	Aggrecan core protein
UniProt Gene Name	Acan
UniProt Synonym Gene Names	Agc; Agc1; CSPCP

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://www.aaabiotech.com/rat-elisa-kits/agc-aggrecan/278586>