

Rat aggrecan, Agc ELISA Kit | Agc elisa kit

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CATALOG #
AAA121294

REACTIVITY
Rat

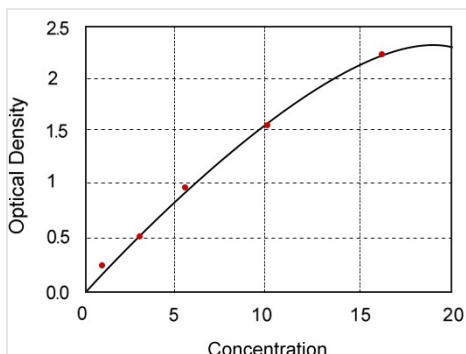
PRODUCT SYNONYMS

aggrecan; Agc; Rat aggrecan; Agc ELISA Kit; Agc elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	721
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 60ng/ml
Sensitivity	0.31ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Agc elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Aggrecan (also known as Agc) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat Agc antibody. Agc present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat Agc Antibody is added and binds to Agc in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Agc antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat Agc. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	22209083
NCBI GeneID	176
Molecular Weight	257,441 Da
NCBI Official Full Name	Aggrecan
NCBI Official Synonym Full Names	aggrecan
NCBI Official Symbol	ACAN
NCBI Official Synonym Symbols	AGC1; SEDK; AGCAN; CSPG1; MSK16; CSPGCP; SSOAOD
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

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/aggrecan-agc/121294>