Chicken Aggrecan ELISA Kit | AGC elisa kit

Chicken Aggrecan ELISA Kit

CATALOG #	REACTIVITY
AAA90614	**Chicken**

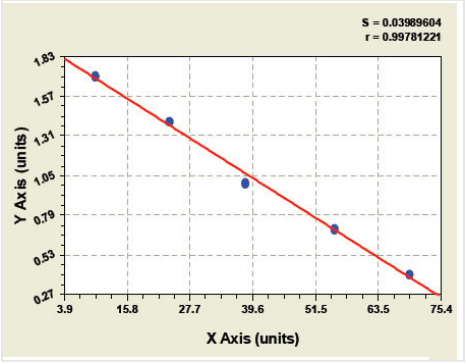
PRODUCT SYNONYMS

Aggrecan; Chicken Aggrecan ELISA Kit; AGC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL.
Intended Uses	This AGC ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken AGC. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AGC elisa kit	**Principle of the Assay:** anti-AGC antibody and an AGC-HRP conjugate. The assay sample and buffer are incubated together with AGC-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the AGC concentration since AGC from samples and AGC-HRP conjugate compete for the anti-AGC antibody binding site. Since the number of sites is limited, as more sites are occupied by AGC from the sample, fewer sites are left to bind AGC-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AGC concentration in each sample is interpolated from this standard curve.
Product Categories/Family for AGC elisa kit	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	11990616
NCBI GeneID	58968
NCBI Accession #	NP_071526.1
NCBI GenBank Nucleotide #	NM_022190.1
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; CSPCP; aggrecan 1; cartilage-specific proteoglycan core protein; aggrecan, structural proteoglycan of cartilage
UniProt Protein Name	Aggrecan core protein
UniProt Gene Name	**Acan**
UniProt Synonym Gene Names	Agc; Agc1; CSPCP
UniProt Entry Name	PGCA_RAT

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/agc-chicken-elisa-kits/aggrecan/90614