

Chicken Collagen Type III ELISA Kit | COLIII elisa kit

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CATALOG #
AAA90399

REACTIVITY
Chicken

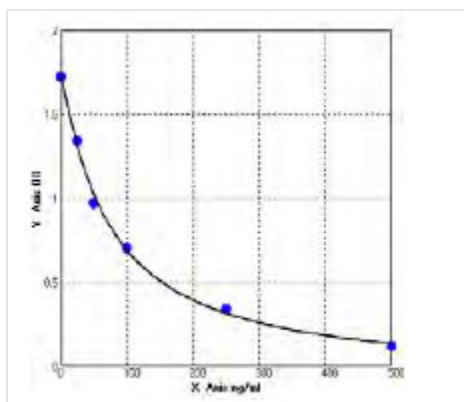
PRODUCT SYNONYMS

Collagen Type III; Chicken Collagen Type III ELISA Kit; COLIII elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for COLIII elisa kit

Intended Uses: This COL-2CAV ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat COL-2CAV. This ELISA kit for research use only!

Principle of the Assay: COL-2CAV ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-COL-2CAV antibody and an COL-2CAV-HRP conjugate. The assay sample and buffer are incubated together with COL-2CAV-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 COL-2CAV concentration since COL-2CAV from samples and COL-2CAV-HRP conjugate compete for the anti-COL-2CAV antibody binding site. Since the number of sites is limited, as more sites are occupied by COL-2CAV from the sample, fewer sites are left to bind COL-2CAV-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The COL-2CAV concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	494319369
Molecular Weight	111,907 Da
NCBI Official Full Name	collagen type III alpha 1
UniProt Protein Name	Collagen alpha-1(III) chain
UniProt Gene Name	COL3A1
UniProt Entry Name	CO3A1_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/coliii-chicken-elisa-kits/collagen-type-iii/90399>