

Human Collagen autoantibody ELISA Kit | CLA elisa kit

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CATALOG #
AAA85103

REACTIVITY
Human

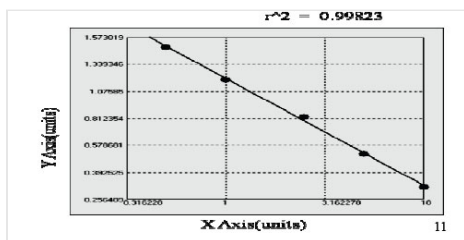
PRODUCT SYNONYMS

Collagen autoantibody; Human Collagen autoantibody ELISA Kit; CLA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10 ug/mL
Sensitivity	0.1ug/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CLA elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This CoLA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CoLA. This ELISA kit for research use only!

PRINCIPLE OF THE ASSAY CoLA ELISA kit applies the competitive enzyme immunoassay technique utilizing Collagen antigen and an CoLA-HRP conjugate. The assay sample and buffer are incubated together with CoLA-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 CoLA concentration since CoLA from samples and CoLA-HRP conjugate compete for the Collagen antigen binding site. Since the number of sites is limited, as more sites are occupied by CoLA from the sample, fewer sites are left to bind CoLA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CoLA concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CLA elisa kit

Immunology

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/cla-human-elisa-kits/collagen-autoantibody/85103>