

Rat Collagen Type III ELISA Kit | Col III elisa kit

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CATALOG #
AAA82782

REACTIVITY
Rat

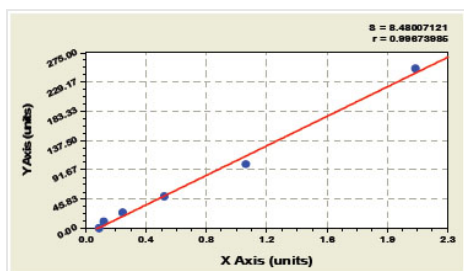
PRODUCT SYNONYMS

Collagen Type III; Rat Collagen Type III ELISA Kit; Rat Collagen Type III (Col III) ELISA Kit; Collagen Type III (Rat); Col III elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Col III elisa kit

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

INTENDED USE This CoL3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat CoL3. This ELISA kit for research use only!

PRINCIPLE OF THE ASSAY CoL3 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for CoL3. Standards or samples are then added to the microtiter plate wells and CoL3 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CoL3 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for CoL3 are added to each well to "sandwich" the CoL3 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain CoL3 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CoL3 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for Col III elisa kit

[Rat ELISA Kit](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	494319369
NCBI Official Full Name	collagen type III alpha 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://stage.aaabiotech.com/col-iii-rat-elisa-kits/collagen-type-iii/82782>