

Mouse Collagen Type III ELISA Kit | Col III elisa kit

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CATALOG #
AAA15984

REACTIVITY
Mouse

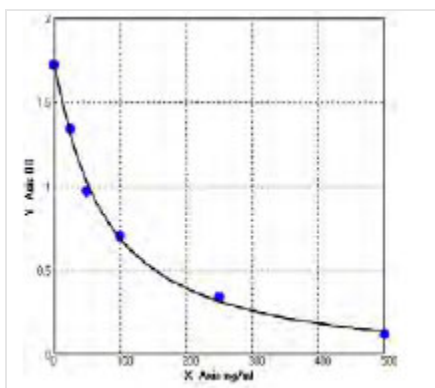
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
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

Intended Uses: This COL-3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken COL-3. This ELISA kit for research use only!

Principle of the Assay: COL-3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-COL-3 antibody and an COL-3-HRP conjugate. The assay sample and buffer are incubated together with COL-3-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-3 concentration since COL-3 from samples and COL-3-HRP conjugate compete for the anti-COL-3 antibody binding site. Since the number of sites is limited, as more sites are occupied by COL-3 from the sample, fewer sites are left to bind COL-3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The COL-3 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for Col III elisa kit	Mouse ELISA Kit
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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-mouse-elisa-kits/collagen-type-iii/15984>