

Rabbit Collagen Type III ELISA Kit | Col III elisa kit

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CATALOG #
AAA87948

REACTIVITY
Rabbit

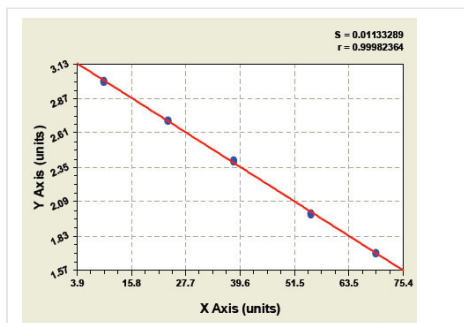
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



ADDITIONAL INFORMATION

Related Product Information for Col III elisa kit

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

Intended Uses: This C3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit C3. This ELISA kit for research use only!

Principle of the Assay: C3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-C3 antibody and an C3-HRP conjugate. The assay sample and buffer are incubated together with C3-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 C3 concentration since C3 from samples and C3-HRP conjugate compete for the anti-C3 antibody binding site. Since the number of sites is limited, as more sites are occupied by C3 from the sample, fewer sites are left to bind C3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The C3 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for Col III elisa kit

[Rabbit 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-rabbit-elisa-kits/collagen-type-iii/87948>