

Guinea Pig Procollagen Type III ELISA Kit | PC3 elisa kit

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CATALOG #
AAA87902

REACTIVITY
Guinea Pig

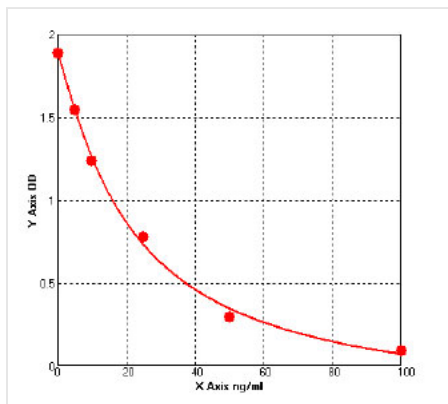
PRODUCT SYNONYMS

Procollagen Type III; Guinea pig Procollagen Type III ELISA Kit; PC3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of PCOL3. No significant cross-reactivity or interference between PCOL3 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between PCOL3 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
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 PC3 elisa kit	Principle of the Assay: PCOL3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-PCOL3 antibody and an PCOL3-HRP conjugate. The assay sample and buffer are incubated together with PCOL3-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 PCOL3 concentration since PCOL3 from samples and PCOL3-HRP conjugate compete for the anti-PCOL3 antibody binding site. Since the number of sites is limited, as more sites are occupied by PCOL3 from the sample, fewer sites are left to bind PCOL3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PCOL3 concentration in each sample is interpolated from this standard curve. Intended Uses: This PCOL3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig PCOL3. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for PC3 elisa kit	Cell Biology

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/pc3-guinea-pig-pig-elisa-kits/procollagen-type-iii/87902>