

Chicken Procollagen Type I ELISA Kit | PC1 elisa kit

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CATALOG #
AAA247558

REACTIVITY
Chicken

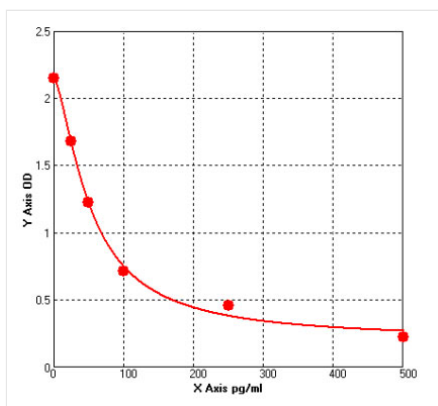
PRODUCT SYNONYMS

Procollagen Type I; Chicken Procollagen Type I ELISA Kit; PC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of PCI. No significant cross-reactivity or interference between PCI and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between PCI 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 pg/mL
Reactivity Note	No significant cross-reactivity or interference between this antigen and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection, therefore, cross reaction may still exist in some cases.
Preparation and Storage	Store at 2-8 degree C. The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PC1 elisa kit	Principle of the Assay: PCI ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-PCI antibody and an PCI-HRP conjugate. The assay sample and buffer are incubated together with PCI-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 PCI concentration since PCI from samples and PCI-HRP conjugate compete for the anti-PCI antibody binding site. Since the number of sites is limited, as more sites are occupied by PCI from the sample, fewer sites are left to bind PCI-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PCI concentration in each sample is interpolated from this standard curve. Intended Uses: This PCI ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken PCI. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for PC1 elisa kit	Signal Transduction

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/pc1-chicken-elisa-kits/procollagen-type-i/247558>