

Rat Procollagen Type II C-Terminal Propeptide ELISA Kit | P2CP elisa kit

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CATALOG #
AAA85280

REACTIVITY
Rat

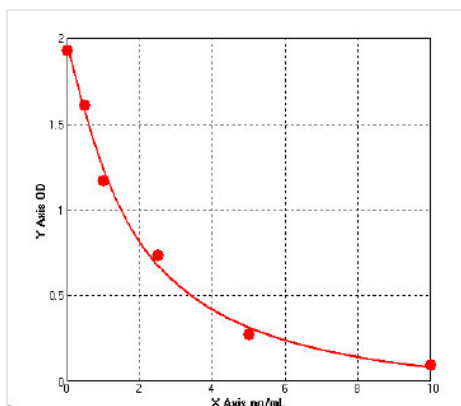
PRODUCT SYNONYMS

Procollagen Type II C-Terminal Propeptide; Rat Procollagen Type II C-Terminal Propeptide ELISA Kit; P2CP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of P2CP. No significant cross-reactivity or interference between P2CP and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between P2CP and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for P2CP elisa kit	Intended Uses: This P2CP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat P2CP. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: P2CP ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-P2CP antibody and an P2CP-HRP conjugate. The assay sample and buffer are incubated together with P2CP-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 P2CP concentration since P2CP from samples and P2CP-HRP conjugate compete for the anti-P2CP antibody binding site. Since the number of sites is limited, as more sites are occupied by P2CP from the sample, fewer sites are left to bind P2CP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The P2CP concentration in each sample is interpolated from this standard curve.
Product Categories/Family for P2CP elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	22651501
Molecular Weight	75,591 Da
NCBI Official Full Name	Pins
UniProt Protein Name	G-protein-signaling modulator 2
UniProt Gene Name	Gpsm2
UniProt Synonym Gene Names	Lgn; Pins
UniProt Entry Name	GPSM2_MOUSE

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://www.aaabiotech.com/p2cp-rat-elisa-kits/procollagen-type-ii-c-terminal-propeptide/85280>