

Rat PICP ELISA Kit | PICP elisa kit

Rat PICP (Procollagen I C-terminal Propeptide) ELISA Kit

CATALOG #
AAA164465

REACTIVITY
Rat

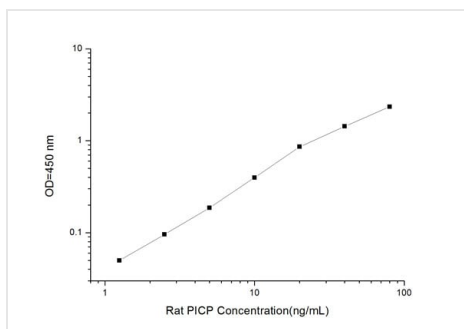
PRODUCT SYNONYMS

PICP; Rat PICP (Procollagen I C-terminal Propeptide) ELISA Kit; PICP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant Rat PICP. No significant cross-reactivity or interference between Rat PICP and analogues was observed.
Sequence Length	420
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	1.25-80ng/mL
Sensitivity	Min: 0.75ng/mL; Max: 80ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PICP elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat PICP concentrations in serum, plasma and other biological fluids. Principle of the Assay This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to PICP. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for PICP and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain PICP, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of PICP. You can calculate the concentration of PICP in the samples by comparing the OD of the samples to the standard curve.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	5002190
Molecular Weight	44,733 Da
NCBI Official Full Name	pepstatin-insensitive carboxyl proteinase 1, partial
UniProt Protein Name	Pepstatin-insensitive carboxyl proteinase 1
UniProt Gene Name	PICP
UniProt Entry Name	Q9XZH2_AMOPR

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/rat-elisa-kits/picp/164465>