

Mouse PIICP (Procollagen II C-Terminal Propeptide) ELISA Kit | PIICP elisa kit

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CATALOG #
AAA273625

REACTIVITY
Mouse

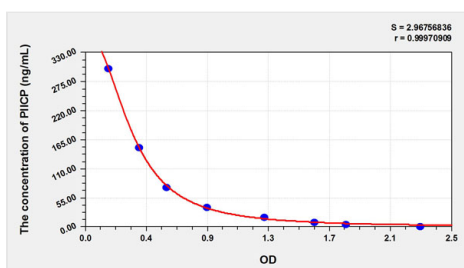
PRODUCT SYNONYMS

PIICP (Procollagen II C-Terminal Propeptide); Mouse PIICP (Procollagen II C-Terminal Propeptide) ELISA Kit; P2CP; C-Propeptide Of Type II Procollagen; Procollagen II Carboxy Terminal Propeptide; PIICP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse PIICP. No significant cross-reactivity or interference between Mouse PIICP and analogues was observed.
Assay Type	Competitive
Detection Range	4.69-300 ng/mL
Sensitivity	1.49 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (Precision between assays)? CV%<10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PIICP elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Procollagen II C-Terminal Propeptide(PIICP) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Procollagen II C-Terminal Propeptide(PIICP). Next,Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Procollagen II C-Terminal Propeptide(PIICP) in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for PIICP elisa kit

Infection immunity; Bone metabolism; Rheumatology

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/mouse-elisa-kits/piicp-procollagen-ii-c-terminal-propeptide/273625>