

Human Carboxyterminal propeptide of type I procollagen, PI CP ELISA Kit | PICP elisa kit

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CATALOG #
AAA15115

REACTIVITY
Human

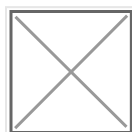
PRODUCT SYNONYMS

Carboxyterminal propeptide of type I procollagen; PI CP; Human Carboxyterminal propeptide of type I procollagen; PI CP ELISA Kit; Human Carboxyterminal propeptide of type I procollagen; PICP ELISA Kit; Carboxyterminal propeptide of type I procollagen; PICP; PICP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PI3K. No significant cross-reactivity or interference between human PI3K and analogues was observed.
Sequence Length	420
Samples	Serum, Tissue Homogenates And Cell Lysates
Assay Type	Quantitative Sandwich
Detection Range	0.625 ng/ml-40 ng/ml
Sensitivity	0.156 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
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PICP elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PI3K has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PI3K present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PI3K is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PI3K bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5002190
UniProt Accession #	Q9XZH2
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.

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Online datasheet: <https://stage.aaabiotech.com/picp-human-elisa-kits/carboxyterminal-propeptide-of-type-i-procollagen-picp/15115>