

Monkey PICP ELISA Kit | PICP elisa kit

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

CATALOG #
AAA21761

REACTIVITY
Monkey

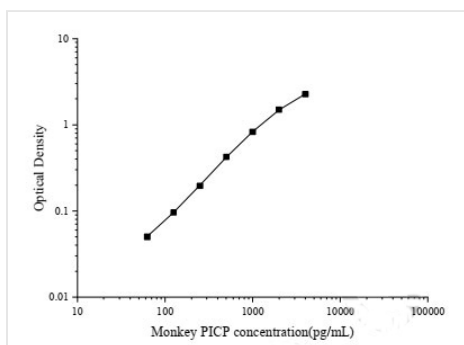
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This kit recognizes Monkey PICP in samples. No significant cross-reactivity or interference between Monkey PICP and analogues was observed
Sequence Length	420
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	62.5-4000 pg/mL
Sensitivity	37.5 pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Monkey PICP were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Monkey PICP were tested on 3 different plates, 20 replicates in each plate, respectively.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

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

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Online datasheet: <https://stage.aaabiotech.com/monkey-elisa-kits/picp/21761>