

Mouse Procollagen I N-Terminal Propeptide (PINP) DIY ELISA Kit | PINP diy elisa kit

Mouse Procollagen I N-Terminal Propeptide (PINP) ELISA Kit DIY Materials

CATALOG #
AAA147674

REACTIVITY
Mouse

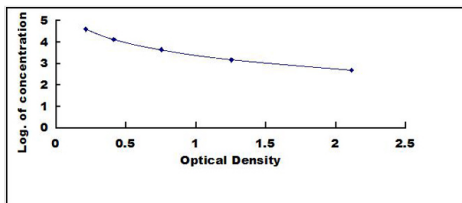
PRODUCT SYNONYMS

Procollagen I N-Terminal Propeptide (PINP); Mouse Procollagen I N-Terminal Propeptide (PINP) ELISA Kit DIY Materials; P1NP; N-Propeptide Of Type I Procollagen; Procollagen I Amino Terminal Propeptide; PINP diy elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The Abs in the kit have high sensitivity and excellent specificity for detection of Procollagen I N-Terminal Propeptide (PINP). No significant cross-reactivity or interference between Procollagen I N-Terminal Propeptide (PINP) and analogues was observed.
Sequence Length	1464
Assay Type	Competitive Inhibition ELISA for Antigen Detection
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	370.4-30,000pg/mL
Sensitivity	152.5pg/mL
Reagent Contents	Capture Antibody, Biotin-labeled Competitor, Standard, Streptavidin-HRP, TMB Substrate, 96-well Plate
Product Usage	1. Coat the plates with 100μL per well of working solution of Capture Antibody.incubate overnight at 4 degree C or incubate at 37 degree C for 2 hours. 2. Aspirate and wash 1 time. 3. Block the plates with 200 μL per well of working solution of Blocking Buffer. Incubate at 37 degree C for 1.5 hours. 4. Aspirate and wash 1 time. The plates are now ready for sample detection, the protocol is the same as regular ELISA.
Other Reagents Required	ELISA/CLIA Support Pack 2. ()
Preparation and Storage	Antibodies, Standard and Streptavidin-HRP should be stored at -20 degree C. TMB should be stored at 4 degree C. 96-well Plate could be stored at room temperature. The contents are valid for twelve months. They are stable for one month after opening when stored at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Product Categories/Family for PINP diy elisa kit	Metabolic pathway; Hepatology; Bone metabolism
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NCBI AND UNIPROT INFORMATION

NCBI GI #	110349772
NCBI GeneID	1277
NCBI Accession #	NP_000079.2
NCBI GenBank Nucleotide #	NM_000088.3
UniProt Accession #	P02452; O76045; P78441; Q13896; Q13902; Q13903; Q14037; Q14992; Q15176; Q15201; Q16050; Q59F64
Molecular Weight	138,941 Da
NCBI Official Full Name	collagen alpha-1(I) chain preproprotein
NCBI Official Synonym Full Names	collagen type I alpha 1 chain
NCBI Official Symbol	COL1A1
NCBI Official Synonym Symbols	OI1; OI2; OI3; OI4; EDSC
NCBI Protein Information	collagen alpha-1(I) chain
UniProt Protein Name	Collagen alpha-1(I) chain
UniProt Gene Name	COL1A1

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://stage.aaabiotech.com/mouse-diy-elisa-kits/procollagen-i-n-terminal-propeptide-pinp/147674>