Web: www.taiclone.com
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ELISA Kit for Procollagen I N-Terminal Propeptide (PINP)

Catalog No: tcue8584

Available Sizes

Size: 96T

Specifications

Research Area:
Metabolic pathway;Hepatology;Bone metabolism;

Species Reactivity:
Oryctolagus cuniculus (Rabbit)

Sample Type:
serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Sensitivity:
The minimum detectable dose of this kit is typically less than 87.4pg/mL

Detection Range:
246.9-20000pg/mL

Assay Time:
2h

Detection Method:
Enzyme-linked immunosorbent assay for Antigen Detection.

Tested Application:
ELISA

Test Principle

This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to Procollagen I N-Terminal Propeptide (PINP) has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin

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labeled Procollagen I N-Terminal Propeptide (PINP) and unlabeled Procollagen I N-Terminal Propeptide (PINP) (Standards or samples) with the pre-coated antibody specific to Procollagen I N-Terminal Propeptide (PINP). After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of Procollagen I N-Terminal Propeptide (PINP) in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of Procollagen I N-Terminal Propeptide (PINP) in the sample.