

Product Datasheet

Dog Procollagen II N-Terminal Propeptide (PIINP) ELISA Kit (orb782445)

Catalog Number	orb782445
Category	Assays and Kits
Description	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Procollagen II N-Terminal Propeptide(PIINP).
Reactivity	Canine
Concentration	6000 pg/mL
Tested applications	ELISA
Application notes	standard: 6000 pg/mL. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Dog PIINP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog PIINP. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Dog PIINP, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 $\pm$ 10nm. The concentration of Dog PIINP in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Sandwich
Assay Time	3.5h
Range	93.75-6000 pg/mL

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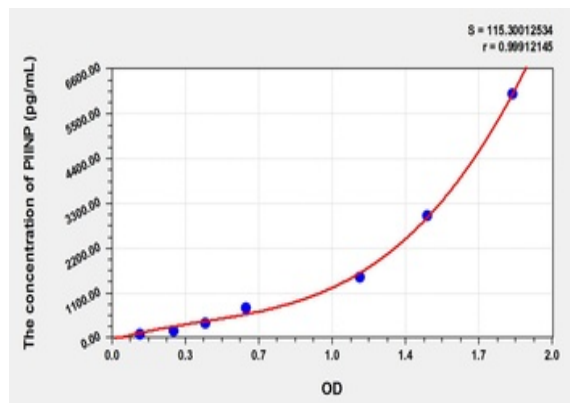
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Sensitivity	40.44 pg/mL
Sample Types	Serum, plasma, tissue homogenates and other biological fluids
Note	For research use only
Expiration Date	Please enquire.



Standard curve for orb782445 ELISA kit.

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