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Product Datasheet

Dog Osteocalcin (OC) ELISA Kit BYT-ORB781470

Artikelname	Dog Osteocalcin (OC) ELISA Kit
Artikelnummer	BYT-ORB781470
Hersteller Artikelnummer	orb781470
Alternativnummer	BYT-ORB781470-48, BYT-ORB781470-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Canine
Produktbeschreibung	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 Osteocalcin(OC)....
Konzentration	40 ng/mL
Detektionsbereich	0.63-40 ng/mL
Sensitivitaet	0.252 ng/mL
UniProt	P81455
Proben	Serum, plasma, tissue homogenates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 40 ng/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 OC. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog OC. 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 OC, 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 10nm. The concentration of Dog OC in the samples is then determined by comparing the OD of the samples to the standard curve