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Product Datasheet

Human Osteocalcin (OC) ELISA Kit BYT-ORB776254

Artikelname	Human Osteocalcin (OC) ELISA Kit
Artikelnummer	BYT-ORB776254
Hersteller Artikelnummer	orb776254
Alternativnummer	BYT-ORB776254-48, BYT-ORB776254-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Human
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	0.256 ng/mL
UniProt	P02818
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates 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 Human OC. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 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 Human 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 Human OC in the samples is then determined by comparing the OD of the samples to the standard curve