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Product Datasheet

Human pyridinoline (PYD) ELISA Kit BYT-ORB1291374

Artikelname	Human pyridinoline (PYD) ELISA Kit
Artikelnummer	BYT-ORB1291374
Hersteller Artikelnummer	orb1291374
Alternativnummer	BYT-ORB1291374-48, BYT-ORB1291374-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Human
Produktbeschreibung	Human PYD (pyridinoline) ELISA Kit...
Konzentration	800 ng/mL
Detektionsbereich	12.5-800 ng/mL
Sensitivitaet	5.8 ng/mL
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 800 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 PYD. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human PYD. 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 PYD, 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 PYD in the samples is then determined by comparing the OD of the samples to the standard curve