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Product Datasheet

Human Free ProstateSpecific Antigen (F-PSA) ELISA Kit BYT-ORB1291378

Article Name	Human Free ProstateSpecific Antigen (F-PSA) ELISA Kit
Biozol Catalog Number	BYT-ORB1291378
Supplier Catalog Number	orb1291378
Alternative Catalog Number	BYT-ORB1291378-48, BYT-ORB1291378-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	Human F-PSA (Free ProstateSpecific Antigen) ELISA Kit...
Concentration	2000 pg/mL
Range	31.25-2000 pg/mL
Sensitivity	17.31 pg/mL
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: standard: 2000 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 Human F-PSA. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human F-PSA. 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 F-PSA, 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 F-PSA in the samples is then determined by comparing the OD of the samples to the standard curve