

Bitte beachten Sie: Dieses Dokument wurde automatisch erstellt und ist kein Ersatz für das Originaldokument des Herstellers.

## Product Datasheet

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

Artikelname	Human Free ProstateSpecific Antigen (F-PSA) ELISA Kit
Artikelnummer	BYT-ORB1291378
Hersteller Artikelnummer	orb1291378
Alternativnummer	BYT-ORB1291378-48, BYT-ORB1291378-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Human
Produktbeschreibung	Human F-PSA (Free ProstateSpecific Antigen) ELISA Kit...
Konzentration	2000 pg/mL
Detektionsbereich	31.25-2000 pg/mL
Sensitivitaet	17.31 pg/mL
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

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