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## Product Datasheet

### Rat PSA(ProstateSpecific Antigen) Microsample ELISA Kit BYT-ORB2997287

Artikelname	Rat PSA(ProstateSpecific Antigen) Microsample ELISA Kit
Artikelnummer	BYT-ORB2997287
Hersteller Artikelnummer	orb2997287
Alternativnummer	BYT-ORB2997287-48, BYT-ORB2997287-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Produktbeschreibung	Rat PSA(ProstateSpecific Antigen) Microsample ELISA Kit...
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.1 ng/mL
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

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