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## Product Datasheet

### Human Tissue Polypeptide Antigen (TPA) ELISA Kit BYT-ORB776188

Article Name	Human Tissue Polypeptide Antigen (TPA) ELISA Kit
Biozol Catalog Number	BYT-ORB776188
Supplier Catalog Number	orb776188
Alternative Catalog Number	BYT-ORB776188-48, BYT-ORB776188-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	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 Tissue Polypeptide Antigen(TPA)....
Concentration	5000 pg/mL
Range	78.13-5000 pg/mL
Sensitivity	30 pg/mL
Samples	Serum, plasma and other biological fluids

Application Notes

Application Notes: standard: 5000 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 TPA. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human TPA. 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 TPA, 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 TPA in the samples is then determined by comparing the OD of the samples to the standard curve