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## Product Datasheet

### EliKine Human Prostate Specific Antigen (PSA) ELISA Kit BYT-ORB3145592

Article Name	EliKine Human Prostate Specific Antigen (PSA) ELISA Kit
Biozol Catalog Number	BYT-ORB3145592
Supplier Catalog Number	orb3145592
Alternative Catalog Number	BYT-ORB3145592-48, BYT-ORB3145592-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	EliKine Human Prostate Specific Antigen (PSA) ELISA Kit employs a two-site sandwich ELISA to quantitate Human PSA...
Range	0.078 ng/mL- 5 ng/mL
Sensitivity	0.078 ng/mL
Samples	Cell culture supernatantsSerumPlasma

Application Notes

Application Notes: EliKine Human Prostate Specific Antigen (PSA) ELISA Kit employs a double antibody sandwich method to quantitate Human PSA in samples. An antibody specific for Human PSA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any Human PSA present is bound by the immobilized antibody. After removing any unbound substances, a HRP-conjugated antibody specific for Human PSA is added to the wells. After washing, remove any unbound HRP-conjugated antibody reagent, adding HRP Substrate (TMB), TMB turns blue under the catalysis of HRP, and turns yellow after adding stop solution. Measure the OD value with a microplate reader at 450 nm wavelength. The Human Carcinoembryonic antigen (PSA) concentration is proportional to the OD450 nm value