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Product Datasheet

EasyStep Human PSMA(Prostate specific membrane antigen) ELISA Kit EBT-ELK036ES

Article Name	EasyStep Human PSMA(Prostate specific membrane antigen) ELISA Kit
Biozol Catalog Number	EBT-ELK036ES
Supplier Catalog Number	ELK036ES
Alternative Catalog Number	EBT-ELK036ES-96, EBT-ELK036ES-48, EBT-ELK036ES-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	40 ng/mL
Range	0.63-40 ng/mL
Sensitivity	0.165 ng/mL
UniProt	Q04609
Samples	Serum, plasma

Application Notes

Assay Type: Sandwich. Assay length: 1.5h. Research Area: Signal Transduction, Cancer, Metabolism. 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 PSMA, and the Human PSMA standard plate wells that pre-coated using protein-related techniques are provided separately. Standard/Sample Diluent Buffer or samples are added to the appropriate microtiter plate wells ,then added a HRP-conjugated antibody specific to Human PSMA. After TMB substrate solution is added, only those wells that contain Human PSMA and HRP-conjugated antibody 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 PSMA in the samples is then determined by comparing the OD of the samples to the standard curve