

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Human PSA(Puromycin Sensitive Aminopeptidase) ELISA Kit EBT-ELK4486

Article Name	Human PSA(Puromycin Sensitive Aminopeptidase) ELISA Kit
Biozol Catalog Number	EBT-ELK4486
Supplier Catalog Number	ELK4486
Alternative Catalog Number	EBT-ELK4486-96, EBT-ELK4486-48, EBT-ELK4486-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.114 ng/mL
UniProt	P55786
Samples	Tissue homogenates, cell lysates and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway,. 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 PSA. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 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 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 PSA in the samples is then determined by comparing the OD of the samples to the standard curve