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Product Datasheet

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

Artikelname	Human PSA(Puromycin Sensitive Aminopeptidase) ELISA Kit
Artikelnummer	EBT-ELK4486
Hersteller Artikelnummer	ELK4486
Alternativnummer	EBT-ELK4486-96, EBT-ELK4486-48, EBT-ELK4486-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.114 ng/mL
UniProt	P55786
Proben	Tissue homogenates, cell lysates and other biological fluids.

Anwendungsbeschreibung

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