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Product Datasheet

Human ALP(Alkaline Phosphatase) Microsample ELISA Kit EBT-ELK1941MS

Artikelname	Human ALP(Alkaline Phosphatase) Microsample ELISA Kit
Artikelnummer	EBT-ELK1941MS
Hersteller Artikelnummer	ELK1941MS
Alternativnummer	EBT-ELK1941MS-96, EBT-ELK1941MS-48, EBT-ELK1941MS-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.067 ng/mL
Proben	serum, plasma, tissue homogenates and other biological fluids

Anwendungsbeschreibung

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