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Product Datasheet

Human BMP7(Bone Morphogenetic Protein 7) Microsample ELISA Kit EBT-ELK2635MS

Article Name	Human BMP7(Bone Morphogenetic Protein 7) Microsample ELISA Kit
Biozol Catalog Number	EBT-ELK2635MS
Supplier Catalog Number	ELK2635MS
Alternative Catalog Number	EBT-ELK2635MS-96, EBT-ELK2635MS-48, EBT-ELK2635MS-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	4000 pg/mL
Range	62.5-4000 pg/mL
Sensitivity	27.6 pg/mL
UniProt	P18075
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway, Developmental science, Bone metabolism,. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been precoated with an antibody specific to Human BMP7. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human BMP7. 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 BMP7, 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 BMP7 in the samples is then determined by comparing the OD of the samples to the standard curve