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Product Datasheet

Human MPI(Mannose Phosphate Isomerase) ELISA Kit EBT-ELK4329

Article Name	Human MPI(Mannose Phosphate Isomerase) ELISA Kit
Biozol Catalog Number	EBT-ELK4329
Supplier Catalog Number	ELK4329
Alternative Catalog Number	EBT-ELK4329-96, EBT-ELK4329-48, EBT-ELK4329-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	1000 pg/mL
Range	15.63-1000 pg/mL
Sensitivity	6.7 pg/mL
UniProt	P34949
Samples	serum, plasma, tissue homogenates and other biological fluids

Application Notes

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