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Product Datasheet

Human TMPO(Thymopoietin) ELISA Kit EBT-ELK4922

Article Name	Human TMPO(Thymopoietin) ELISA Kit
Biozol Catalog Number	EBT-ELK4922
Supplier Catalog Number	ELK4922
Alternative Catalog Number	EBT-ELK4922-96, EBT-ELK4922-48, EBT-ELK4922-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	500 pg/mL
Range	7.82-500 pg/mL
Sensitivity	4.1 pg/mL
UniProt	P42166
Samples	Serum, plasma and other biological fluids.

Application Notes

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