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## Product Datasheet

### Human HB(Hemoglobin) ELISA Kit EBT-ELK1093

Article Name	Human HB(Hemoglobin) ELISA Kit
Biozol Catalog Number	EBT-ELK1093
Supplier Catalog Number	ELK1093
Alternative Catalog Number	EBT-ELK1093-96, EBT-ELK1093-48, EBT-ELK1093-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	500 µg/mL
Range	7.82-500 µg/mL
Sensitivity	2.6 µg/mL
Samples	serum, plasma, erythrocyte lysates, cell culture supernates and other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Metabolic pathway, Infection immunity, Hematology, Neuro science,. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human HB. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human HB. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 HB in the samples is then determined by comparing the OD of the samples to the standard curve