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Product Datasheet

Human HBF(Fetal Hemoglobin) ELISA Kit EBT-ELK10343

Article Name	Human HBF(Fetal Hemoglobin) ELISA Kit
Biozol Catalog Number	EBT-ELK10343
Supplier Catalog Number	ELK10343
Alternative Catalog Number	EBT-ELK10343-96, EBT-ELK10343-48, EBT-ELK10343-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	200 µg/mL
Range	3.13-200 µg/mL
Sensitivity	0.99 µg/mL
Samples	serum, plasma, erythrocyte lysates and other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Hematology,. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human HbF. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human HbF. 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 HbF in the samples is then determined by comparing the OD of the samples to the standard curve