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Product Datasheet

Human carboxyhemoglobin,HbCO ELISA Kit EBT-ELK8401

Article Name	Human carboxyhemoglobin,HbCO ELISA Kit
Biozol Catalog Number	EBT-ELK8401
Supplier Catalog Number	ELK8401
Alternative Catalog Number	EBT-ELK8401-96,EBT-ELK8401-48,EBT-ELK8401-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	2000 ng/mL
Range	31.25-2000 ng/mL
Sensitivity	2.37 ng/mL
Samples	Serum, plasma, other biological fluids

Application Notes

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