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Product Datasheet

Human Barbiturates ELISA Kit EBT-ELK8382

Article Name	Human Barbiturates ELISA Kit
Biozol Catalog Number	EBT-ELK8382
Supplier Catalog Number	ELK8382
Alternative Catalog Number	EBT-ELK8382-96,EBT-ELK8382-48,EBT-ELK8382-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	25 ng/mL
Range	0.4-25 ng/mL
Sensitivity	0.1 ng/mL
Samples	Plasma, Serum, Urine

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: 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 Barbitues. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human Barbitues. 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 Barbitues in the samples is then determined by comparing the OD of the samples to the standard curve