

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Horse 5-HT(5-Hydroxytryptamine) ELISA Kit EBT-ELK0384

Article Name	Horse 5-HT(5-Hydroxytryptamine) ELISA Kit
Biozol Catalog Number	EBT-ELK0384
Supplier Catalog Number	ELK0384
Alternative Catalog Number	EBT-ELK0384-96, EBT-ELK0384-48, EBT-ELK0384-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Equine
Concentration	900 ng/mL
Range	14.07-900 ng/mL
Sensitivity	5.85 ng/mL
Samples	serum, plasma

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2.5h. Research Area: Signal transduction, Infection immunity, Neuro science, Gastroenterology. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Horse 5-HT. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Horse 5-HT. 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 Horse 5-HT in the samples is then determined by comparing the OD of the samples to the standard curve