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## Product Datasheet

### General 5-Hydroxytryptamine (5-HT) ELISA Kit BYT-ORB1806508

Article Name	General 5-Hydroxytryptamine (5-HT) ELISA Kit
Biozol Catalog Number	BYT-ORB1806508
Supplier Catalog Number	orb1806508
Alternative Catalog Number	BYT-ORB1806508-48,BYT-ORB1806508-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	All
Product Description	General 5-Hydroxytryptamine (5-HT) ELISA Kit...
Range	14.07-900ng/mL
Sensitivity	3.97 ng/mL
Samples	serum, plasma, tissue homogenates
Target	5-HT

Application Notes

Application Notes: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with 5-Hydroxytryptamine(5-HT) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to 5-Hydroxytryptamine(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 5-Hydroxytryptamine(5-HT) in the samples is then determined by comparing the OD of the samples to the standard curve