

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

Product Datasheet

General 5-Hydroxytryptophan (5-HTP) ELISA Kit BYT-ORB781960

Article Name	General 5-Hydroxytryptophan (5-HTP) ELISA Kit
Biozol Catalog Number	BYT-ORB781960
Supplier Catalog Number	orb781960
Alternative Catalog Number	BYT-ORB781960-48, BYT-ORB781960-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	All
Product Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with 5-Hydroxytryptophan(5-HTP) protein. Standards or samples are added to the appropriate microtiter plate well...
Concentration	400 ng/mL
Range	6.25-400 ng/mL
Sensitivity	1.74 ng/mL
Samples	serum, plasma and other biological fluids

Application Notes

Application Notes: standard: 400 ng/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with 5-HTP protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to 5-HTP. 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-HTP in the samples is then determined by comparing the OD of the samples to the standard curve