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Product Datasheet

General 5-Hydroxyeicosatetraenoic Acid (5-HETE) ELISA Kit BYT-ORB781991

Article Name	General 5-Hydroxyeicosatetraenoic Acid (5-HETE) ELISA Kit
Biozol Catalog Number	BYT-ORB781991
Supplier Catalog Number	orb781991
Alternative Catalog Number	BYT-ORB781991-48, BYT-ORB781991-96
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-Hydroxyeicosatetraenoic Acid(5-HETE) protein. Standards or samples are added to the appropriate microtite...
Concentration	800 ng/mL
Range	12.5-800 ng/mL
Sensitivity	3.83 ng/mL
Samples	Serum, plasma and other biological fluids

Application Notes

Application Notes: standard: 800 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-HETE protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to 5-HETE. 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-HETE in the samples is then determined by comparing the OD of the samples to the standard curve