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Product Datasheet

General 4-Hydroxynonenal (4-HNE) ELISA Kit BYT-ORB1806568

Article Name	General 4-Hydroxynonenal (4-HNE) ELISA Kit
Biozol Catalog Number	BYT-ORB1806568
Supplier Catalog Number	orb1806568
Alternative Catalog Number	BYT-ORB1806568-48,BYT-ORB1806568-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	All
Product Description	General 4-Hydroxynonenal (4-HNE) ELISA Kit...
Range	0.63-40ng/mL
Sensitivity	0.38 ng/mL
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Target	4-HNE

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 4-Hydroxynonenal(4-HNE) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to 4-Hydroxynonenal(4-HNE). 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 4-Hydroxynonenal(4-HNE) in the samples is then determined by comparing the OD of the samples to the standard curve