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Product Datasheet

Zebrafish Glutathione Peroxidase 1 (GPX1) ELISA Kit BYT-ORB782656

Article Name	Zebrafish Glutathione Peroxidase 1 (GPX1) ELISA Kit
Biozol Catalog Number	BYT-ORB782656
Supplier Catalog Number	orb782656
Alternative Catalog Number	BYT-ORB782656-48, BYT-ORB782656-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Zebrafish
Product Description	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Glutathione Peroxidase 1(GPX1)....
Concentration	1000 pg/mL
Range	15.63-1000 pg/mL
Sensitivity	7 pg/mL
Samples	Serum, plasma and other biological fluids.

Application Notes

Application Notes: standard: 1000 pg/mL. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Zebrafish GPX1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Zebrafish GPX1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Zebrafish GPX1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 Zebrafish GPX1 in the samples is then determined by comparing the OD of the samples to the standard curve