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Product Datasheet

Rat GPX3(Glutathione Peroxidase 3, Plasma) Microsample ELISA Kit BYT-ORB2998005

Article Name	Rat GPX3(Glutathione Peroxidase 3, Plasma) Microsample ELISA Kit
Biozol Catalog Number	BYT-ORB2998005
Supplier Catalog Number	orb2998005
Alternative Catalog Number	BYT-ORB2998005-48, BYT-ORB2998005-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Rat
Product Description	Rat GPX3(Glutathione Peroxidase 3, Plasma) Microsample ELISA Kit...
Range	0.79-50 ng/mL
Sensitivity	0.35 ng/mL
UniProt	P23764
Samples	Serum, plasma and other biological fluids

Application Notes

Application Notes: 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 Rat GPX3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat GPX3. 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 Rat GPX3, 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 Rat GPX3 in the samples is then determined by comparing the OD of the samples to the standard curve