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## Product Datasheet

### Chicken Glutathione Peroxidase 3 (GPX3) ELISA Kit BYT-ORB1994905

Article Name	Chicken Glutathione Peroxidase 3 (GPX3) ELISA Kit
Biozol Catalog Number	BYT-ORB1994905
Supplier Catalog Number	orb1994905
Alternative Catalog Number	BYT-ORB1994905-48, BYT-ORB1994905-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Gallus
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 Chicken GPX3. Standards or samples are added to the appropriate microtiter plate wells t...
Concentration	5000 pg/mL
Range	78.13-5000 pg/mL
Sensitivity	21.2 pg/mL
Samples	Serum, plasma and other biological fluids

Application Notes

Application Notes: standard: 5000 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 Chicken GPX3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Chicken 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 Chicken 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 Chicken GPX3 in the samples is then determined by comparing the OD of the samples to the standard curve