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Product Datasheet

Goat GPX1(Glutathione Peroxidase 1) ELISA Kit EBT-ELK9427

Article Name	Goat GPX1(Glutathione Peroxidase 1) ELISA Kit
Biozol Catalog Number	EBT-ELK9427
Supplier Catalog Number	ELK9427
Alternative Catalog Number	EBT-ELK9427-96, EBT-ELK9427-48, EBT-ELK9427-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Goat
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.116 ng/mL
Samples	Serum, plasma and other biological fluids

Application Notes	<p>Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase, Metabolic pathway,. 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 Goat GPX1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Goat 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 Goat 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 Goat GPX1 in the samples is then determined by comparing the OD of the samples to the standard curve</p>
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