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Product Datasheet

Mouse GPX1(Glutathione Peroxidase 1) ELISA Kit EBT-ELK2688

Artikelname	Mouse GPX1(Glutathione Peroxidase 1) ELISA Kit
Artikelnummer	EBT-ELK2688
Hersteller Artikelnummer	ELK2688
Alternativnummer	EBT-ELK2688-96, EBT-ELK2688-48, EBT-ELK2688-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Mouse
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.126 ng/mL
UniProt	P11352
Proben	Serum, plasma and other biological fluids

Anwendungsbeschreibung

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 Mouse GPX1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse 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 Mouse 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 Mouse GPX1 in the samples is then determined by comparing the OD of the samples to the standard curve