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## Product Datasheet

### Rat GPX4(Glutathione Peroxidase 4) ELISA Kit EBT-ELK0719

Artikelname	Rat GPX4(Glutathione Peroxidase 4) ELISA Kit
Artikelnummer	EBT-ELK0719
Hersteller Artikelnummer	ELK0719
Alternativnummer	EBT-ELK0719-96, EBT-ELK0719-48, EBT-ELK0719-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	5000 pg/mL
Detektionsbereich	78.13-5000 pg/mL
Sensitivitaet	27.2 pg/mL
UniProt	<a href="#">P36970</a>
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase,. 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 Rat GPX4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat GPX4. 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 GPX4, 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 GPX4 in the samples is then determined by comparing the OD of the samples to the standard curve