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## Product Datasheet

### Pig GSTp(Glutathione S Transferase Pi) ELISA Kit EBT-ELK7944

Article Name	Pig GSTp(Glutathione S Transferase Pi) ELISA Kit
Biozol Catalog Number	EBT-ELK7944
Supplier Catalog Number	ELK7944
Alternative Catalog Number	EBT-ELK7944-96,EBT-ELK7944-48,EBT-ELK7944-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Porcine
Concentration	4000 pg/mL
Range	62.5-4000 pg/mL
Sensitivity	21.9 pg/mL
UniProt	<a href="#">P80031</a>
Samples	Serum, plasma and other biological fluids.

#### Application Notes

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