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Product Datasheet

Mouse GSTa4(Glutathione S Transferase Alpha 4) ELISA Kit EBT-ELK4235

Article Name	Mouse GSTa4(Glutathione S Transferase Alpha 4) ELISA Kit
Biozol Catalog Number	EBT-ELK4235
Supplier Catalog Number	ELK4235
Alternative Catalog Number	EBT-ELK4235-96, EBT-ELK4235-48, EBT-ELK4235-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.059 ng/mL
UniProt	P24472
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase, Tumor immunity, Infection immunity, Neuroscience, Rheumatology, . 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 GSTa4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse GSTa4. 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 GSTa4, 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 GSTa4 in the samples is then determined by comparing the OD of the samples to the standard curve