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## Product Datasheet

### **Mouse PPAR $\alpha$ (Peroxisome Proliferator Activated Receptor Alpha) Microsample ELISA Kit EBT-ELK2009MS**

Article Name	Mouse PPAR $\alpha$ (Peroxisome Proliferator Activated Receptor Alpha) Microsample ELISA Kit
Biozol Catalog Number	EBT-ELK2009MS
Supplier Catalog Number	ELK2009MS
Alternative Catalog Number	EBT-ELK2009MS-96, EBT-ELK2009MS-48, EBT-ELK2009MS-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.116 ng/mL
UniProt	<a href="#">P23204</a>
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: Signal transduction, Tumor immunity, Developmental science,. 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 PPAR $\alpha$ . Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse PPAR $\alpha$ . 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 PPAR $\alpha$ , 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  $\pm$  10nm. The concentration of Mouse PPAR $\alpha$  in the samples is then determined by comparing the OD of the samples to the standard curve