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Product Datasheet

Mouse PDP(Pyruvate Dehydrogenase Phosphatase) ELISA Kit EBT-ELK9716

Article Name	Mouse PDP(Pyruvate Dehydrogenase Phosphatase) ELISA Kit
Biozol Catalog Number	EBT-ELK9716
Supplier Catalog Number	ELK9716
Alternative Catalog Number	EBT-ELK9716-96, EBT-ELK9716-48, EBT-ELK9716-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.058 ng/mL
UniProt	Q3UV70
Samples	Tissue homogenates and other biological fluids.

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