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Product Datasheet

Mouse PDHb(Pyruvate Dehydrogenase Beta) ELISA Kit EBT-ELK3179

Article Name	Mouse PDHb(Pyruvate Dehydrogenase Beta) ELISA Kit
Biozol Catalog Number	EBT-ELK3179
Supplier Catalog Number	ELK3179
Alternative Catalog Number	EBT-ELK3179-96, EBT-ELK3179-48, EBT-ELK3179-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.066 ng/mL
Samples	Tissue homogenates and other biological fluids.

Application Notes

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 Mouse PDHb. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse PDHb. 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 PDHb, 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 PDHb in the samples is then determined by comparing the OD of the samples to the standard curve