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Product Datasheet

Mouse OGDH(Oxoglutarate Dehydrogenase) ELISA Kit EBT-ELK9992

Article Name	Mouse OGDH(Oxoglutarate Dehydrogenase) ELISA Kit
Biozol Catalog Number	EBT-ELK9992
Supplier Catalog Number	ELK9992
Alternative Catalog Number	EBT-ELK9992-96, EBT-ELK9992-96X5, EBT-ELK9992-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	200 ng/mL
Range	3.13-200 ng/mL
Sensitivity	1.15 ng/mL
Samples	Tissue homogenates, cell lysates 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 OGDH. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse OGDH. 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 OGDH, 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 OGDH in the samples is then determined by comparing the OD of the samples to the standard curve