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Product Datasheet

Mouse PDK4(Pyruvate Dehydrogenase Kinase Isozyme 4) ELISA Kit EBT-ELK5009

Artikelname	Mouse PDK4(Pyruvate Dehydrogenase Kinase Isozyme 4) ELISA Kit
Artikelnummer	EBT-ELK5009
Hersteller Artikelnummer	ELK5009
Alternativnummer	EBT-ELK5009-96, EBT-ELK5009-48, EBT-ELK5009-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Mouse
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.132 ng/mL
UniProt	O70571
Proben	Serum, plasma, tissue homogenates and other biological fluids.

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway, Cardiovascular biology,. 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 PDK4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse PDK4. 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 PDK4, 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 PDK4 in the samples is then determined by comparing the OD of the samples to the standard curve