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Product Datasheet

Human OGDH(Oxoglutarate Dehydrogenase) ELISA Kit EBT-ELK3181

Artikelname	Human OGDH(Oxoglutarate Dehydrogenase) ELISA Kit
Artikelnummer	EBT-ELK3181
Hersteller Artikelnummer	ELK3181
Alternativnummer	EBT-ELK3181-96, EBT-ELK3181-48, EBT-ELK3181-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	100 ng/mL
Detektionsbereich	1.57-100 ng/mL
Sensitivitaet	0.54 ng/mL
UniProt	Q02218
Proben	Tissue homogenates, cell lysates and other biological fluids

Anwendungsbeschreibung

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