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Product Datasheet

Rat Dihydrolipoyl Dehydrogenase (DLD) ELISA Kit BYT-ORB782697

Artikelname	Rat Dihydrolipoyl Dehydrogenase (DLD) ELISA Kit
Artikelnummer	BYT-ORB782697
Hersteller Artikelnummer	orb782697
Alternativnummer	BYT-ORB782697-48, BYT-ORB782697-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Rat
Produktbeschreibung	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 DLD(Dihydrolipoyl Dehydrogenase)....
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.064 ng/mL
UniProt	Q6P6R2
Proben	Tissue homogenates, cell lysates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 10 ng/mL. 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 Rat DLD. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat DLD. 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 Rat DLD, 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 Rat DLD in the samples is then determined by comparing the OD of the samples to the standard curve