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## Product Datasheet

### Rat Oxoglutarate Dehydrogenase (OGDH) ELISA Kit BYT-ORB780918

Artikelname	Rat Oxoglutarate Dehydrogenase (OGDH) ELISA Kit
Artikelnummer	BYT-ORB780918
Hersteller Artikelnummer	orb780918
Alternativnummer	BYT-ORB780918-48, BYT-ORB780918-96
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 Oxoglutarate Dehydrogenase(OGDH)....
Konzentration	200 ng/mL
Detektionsbereich	3.13-200 ng/mL
Sensitivitaet	1.14 ng/mL
UniProt	<a href="#">Q5XI78</a>
Proben	Tissue homogenates, cell lysates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 200 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 OGDH. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat 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 Rat 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 Rat OGDH in the samples is then determined by comparing the OD of the samples to the standard curve