

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Rat Oxoglutarate Dehydrogenase (OGDH) ELISA Kit BYT-ORB780918

Article Name	Rat Oxoglutarate Dehydrogenase (OGDH) ELISA Kit
Biozol Catalog Number	BYT-ORB780918
Supplier Catalog Number	orb780918
Alternative Catalog Number	BYT-ORB780918-48, BYT-ORB780918-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Rat
Product Description	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)....
Concentration	200 ng/mL
Range	3.13-200 ng/mL
Sensitivity	1.14 ng/mL
UniProt	Q5XI78
Samples	Tissue homogenates, cell lysates and other biological fluids

Application Notes

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