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Product Datasheet

Rat Xanthine Dehydrogenase (XDH) ELISA Kit BYT-ORB780881

Artikelname	Rat Xanthine Dehydrogenase (XDH) ELISA Kit
Artikelnummer	BYT-ORB780881
Hersteller Artikelnummer	orb780881
Alternativnummer	BYT-ORB780881-48, BYT-ORB780881-96
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 Xanthine Dehydrogenase(XDH)....
Konzentration	4000 pg/mL
Detektionsbereich	62.5-4000 pg/mL
Sensitivitaet	27.3 pg/mL
UniProt	P22985
Proben	Serum, plasma, tissue homogenates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 4000 pg/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 XDH. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat XDH. 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 XDH, 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 XDH in the samples is then determined by comparing the OD of the samples to the standard curve