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## Product Datasheet

### Rat Transketolase (TKT) ELISA Kit BYT-ORB780877

Artikelname	Rat Transketolase (TKT) ELISA Kit
Artikelnummer	BYT-ORB780877
Hersteller Artikelnummer	orb780877
Alternativnummer	BYT-ORB780877-48, BYT-ORB780877-96
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 Transketolase(TKT)....
Konzentration	100 ng/mL
Detektionsbereich	1.57-100 ng/mL
Sensitivitaet	0.64 ng/mL
UniProt	<a href="#">P50137</a>
Proben	Serum, plasma, tissue homogenates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 100 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 TKT. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat TKT. 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 TKT, 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 TKT in the samples is then determined by comparing the OD of the samples to the standard curve