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## Product Datasheet

### Rat Carnitine Palmitoyltransferase 1A, Liver (CPT1A) ELISA Kit BYT-ORB780867

Artikelname	Rat Carnitine Palmitoyltransferase 1A, Liver (CPT1A) ELISA Kit
Artikelnummer	BYT-ORB780867
Hersteller Artikelnummer	orb780867
Alternativnummer	BYT-ORB780867-48, BYT-ORB780867-96
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 Carnitine Palmitoyltransferase 1A, Liver(CPT1A)....
Konzentration	200 ng/mL
Detektionsbereich	3.13-200 ng/mL
Sensitivitaet	1.23 ng/mL
UniProt	<a href="#">P32198</a>
Proben	serum, plasma, tissue homogenates 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 CPT1A. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat CPT1A. 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 CPT1A, 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 CPT1A in the samples is then determined by comparing the OD of the samples to the standard curve