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## Product Datasheet

### General Carnitine (CNT) ELISA Kit BYT-ORB1946722

Artikelname	General Carnitine (CNT) ELISA Kit
Artikelnummer	BYT-ORB1946722
Hersteller Artikelnummer	orb1946722
Alternativnummer	BYT-ORB1946722-48,BYT-ORB1946722-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	All
Produktbeschreibung	General Carnitine (CNT) ELISA Kit...
Detektionsbereich	15.63-1000ng/mL
Sensitivitaet	4.84 ng/mL
Proben	serum, plasma and other biological fluids
Target-Kategorie	CNT

Anwendungsbeschreibung

Application Notes: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Carnitine(CNT) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Carnitine(CNT). Next,Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 Carnitine(CNT) in the samples is then determined by comparing the OD of the samples to the standard curve