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Product Datasheet

Human Carnitine Palmitoyltransferase 1A, Liver (CPT1A) ELISA Kit BYT-ORB1948470

Artikelname	Human Carnitine Palmitoyltransferase 1A, Liver (CPT1A) ELISA Kit
Artikelnummer	BYT-ORB1948470
Hersteller Artikelnummer	orb1948470
Alternativnummer	BYT-ORB1948470-48,BYT-ORB1948470-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Produktbeschreibung	Human Carnitine Palmitoyltransferase 1A, Liver (CPT1A) ELISA Kit...
Detektionsbereich	0.63-40ng/mL
Sensitivitaet	0.38 ng/mL
UniProt	P50416
Proben	Tissue homogenate, Cell lysate
Target-Kategorie	CPT1A

Anwendungsbeschreibung

Application Notes: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human CPT1A. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human CPT1A and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human CPT1A, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm. The OD value is proportional to the concentration of Human CPT1A. You can calculate the concentration of Human CPT1A in the samples by comparing the OD of the samples to the standard curve