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Product Datasheet

Rabbit Carnitine Palmitoyltransferase 1A, Liver (CPT1A) ELISA Kit BYT-ORB1291309

Article Name	Rabbit Carnitine Palmitoyltransferase 1A, Liver (CPT1A) ELISA Kit
Biozol Catalog Number	BYT-ORB1291309
Supplier Catalog Number	orb1291309
Alternative Catalog Number	BYT-ORB1291309-48, BYT-ORB1291309-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Rabbit
Product Description	Rabbit CPT1A (Carnitine Palmitoyltransferase 1A, Liver) ELISA Kit...
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.063 ng/mL
Samples	Tissue homogenates, cell lysates and other biological fluids

Application Notes

Application Notes: standard: 10 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 Rabbit CPT1A. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rabbit 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 Rabbit 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 Rabbit CPT1A in the samples is then determined by comparing the OD of the samples to the standard curve