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Product Datasheet

General Acetyl CoA (AcCoA) ELISA Kit BYT-ORB1806562

Article Name	General Acetyl CoA (AcCoA) ELISA Kit
Biozol Catalog Number	BYT-ORB1806562
Supplier Catalog Number	orb1806562
Alternative Catalog Number	BYT-ORB1806562-48,BYT-ORB1806562-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	All
Product Description	General Acetyl CoA (AcCoA) ELISA Kit...
Range	0.32-20nmol/mL
Sensitivity	0.119 nmol/mL
UniProt	P14611
Samples	Cell Lysate, Tissue Lysate
Target	AcCoA

Application Notes

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