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## Product Datasheet

### Rat Stearoyl Coenzyme A Desaturase (SCD) ELISA Kit BYT-ORB780809

Article Name	Rat Stearoyl Coenzyme A Desaturase (SCD) ELISA Kit
Biozol Catalog Number	BYT-ORB780809
Supplier Catalog Number	orb780809
Alternative Catalog Number	BYT-ORB780809-48, BYT-ORB780809-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Rat
Product Description	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 Stearoyl Coenzyme A Desaturase(SCD)....
Concentration	100 ng/mL
Range	1.57-100 ng/mL
Sensitivity	0.6 ng/mL
UniProt	<a href="#">P07308</a>
Samples	serum, plasma, tissue homogenates and other biological fluids

Application Notes

Application Notes: standard: 100 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 SCD. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat SCD. 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 SCD, 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 SCD in the samples is then determined by comparing the OD of the samples to the standard curve