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## Product Datasheet

### Rat Total cholesterol (TC) ELISA Kit BYT-ORB782691

Article Name	Rat Total cholesterol (TC) ELISA Kit
Biozol Catalog Number	BYT-ORB782691
Supplier Catalog Number	orb782691
Alternative Catalog Number	BYT-ORB782691-48, BYT-ORB782691-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Rat
Product Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Total cholesterol (TC) protein. Standards or samples are added to the appropriate microtiter plate wells th...
Concentration	500 µg/mL
Range	7.82-500 µg/mL
Sensitivity	2.62 µg/mL
Samples	serum, plasma, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: standard: 500 µg/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Rat TC protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat TC. 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 Rat TC in the samples is then determined by comparing the OD of the samples to the standard curve