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## Product Datasheet

### Rat Thiobarbituric Acid Reactive Substance (TBARS) ELISA Kit BYT-ORB782699

Article Name	Rat Thiobarbituric Acid Reactive Substance (TBARS) ELISA Kit
Biozol Catalog Number	BYT-ORB782699
Supplier Catalog Number	orb782699
Alternative Catalog Number	BYT-ORB782699-48, BYT-ORB782699-96
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 TBARS(Thiobarbituric Acid Reactive Substance) protein. Standards or samples are added to the appropriate mi...
Concentration	400 nmol/mL
Range	6.25-400 nmol/mL
Sensitivity	3.6 nmol/mL
Samples	Serum, plasma, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: standard: 400 nmol/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 TBARS protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat TBARS. 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 TBARS in the samples is then determined by comparing the OD of the samples to the standard curve