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Product Datasheet

Rat Total cholesterol (TC) ELISA Kit BYT-ORB782691

Artikelname	Rat Total cholesterol (TC) ELISA Kit
Artikelnummer	BYT-ORB782691
Hersteller Artikelnummer	orb782691
Alternativnummer	BYT-ORB782691-48, BYT-ORB782691-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Rat
Produktbeschreibung	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...
Konzentration	500 µg/mL
Detektionsbereich	7.82-500 µg/mL
Sensitivitaet	2.62 µg/mL
Proben	serum, plasma, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

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