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Product Datasheet

General Free Triiodothyronine (fT3) ELISA Kit BYT-ORB776965

Article Name	General Free Triiodothyronine (fT3) ELISA Kit
Biozol Catalog Number	BYT-ORB776965
Supplier Catalog Number	orb776965
Alternative Catalog Number	BYT-ORB776965-48, BYT-ORB776965-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	All
Product Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Free Triiodothyronine(fT3) protein. Standards or samples are added to the appropriate microtiter plate well...
Concentration	100 pg/mL
Range	1.56-100 pg/mL
Sensitivity	0.51 pg/mL
Samples	Serum, plasma and other biological fluids

Application Notes

Application Notes: standard: 100 pg/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with FT3 protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to FT3. 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 FT3 in the samples is then determined by comparing the OD of the samples to the standard curve