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## Product Datasheet

### General Free Thyroxine (fT4) ELISA Kit BYT-ORB1806507

Artikelname	General Free Thyroxine (fT4) ELISA Kit
Artikelnummer	BYT-ORB1806507
Hersteller Artikelnummer	orb1806507
Alternativnummer	BYT-ORB1806507-48,BYT-ORB1806507-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	All
Produktbeschreibung	General Free Thyroxine (fT4) ELISA Kit...
Detektionsbereich	1.41-90pg/mL
Sensitivitaet	0.48 pg/mL
Proben	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Target-Kategorie	fT4

Anwendungsbeschreibung

Application Notes: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Free Thyroxine(fT4) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Free Thyroxine(fT4). 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 Free Thyroxine(fT4) in the samples is then determined by comparing the OD of the samples to the standard curve