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Product Datasheet

Rat Thyroid Peroxidase (TPO) ELISA Kit BYT-ORB776380

Artikelname	Rat Thyroid Peroxidase (TPO) ELISA Kit
Artikelnummer	BYT-ORB776380
Hersteller Artikelnummer	orb776380
Alternativnummer	BYT-ORB776380-48, BYT-ORB776380-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Rat
Produktbeschreibung	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Thyroid Peroxidase(TPO)....
Konzentration	2000 pg/mL
Detektionsbereich	31.25-2000 pg/mL
Sensitivitaet	11.9 pg/mL
UniProt	P14650
Proben	serum, plasma and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 2000 pg/mL. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat TPO. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat TPO. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Rat TPO, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 TPO in the samples is then determined by comparing the OD of the samples to the standard curve