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Product Datasheet

Rat TG-ab(anti-Thyroglobulin Ab) ELISA Kit EBT-ELK8353

Article Name	Rat TG-ab(anti-Thyroglobulin Ab) ELISA Kit
Biozol Catalog Number	EBT-ELK8353
Supplier Catalog Number	ELK8353
Alternative Catalog Number	EBT-ELK8353-96,EBT-ELK8353-48,EBT-ELK8353-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	100 ng/mL
Range	1.57-100 ng/mL
Sensitivity	0.62 ng/mL
Samples	serum, plasma, cell lysates, cell culture supernates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Metabolic pathway, Infection immunity, Hormone metabolism, Dermatology. 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 TG-Ab. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat TG-Ab. 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 TG-Ab, 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 TG-Ab in the samples is then determined by comparing the OD of the samples to the standard curve