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## Product Datasheet

### EasyStep Rat T4(Thyroxine) ELISA Kit EBT-ELK056ES

Article Name	EasyStep Rat T4(Thyroxine) ELISA Kit
Biozol Catalog Number	EBT-ELK056ES
Supplier Catalog Number	ELK056ES
Alternative Catalog Number	EBT-ELK056ES-96, EBT-ELK056ES-48, EBT-ELK056ES-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	600 ng/mL
Range	9.38-600 ng/mL
Sensitivity	7 ng/mL
Samples	Serum, plasma

Application Notes

Assay Type: Competitive Inhibition. Assay length: 1.5h. Research Area: Endocrinology, Hormone metabolism,. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Rat T4 antigen, and the Rat T4 standard plate wells that pre-coated using protein-related techniques are provided separately. Standard/Sample Diluent Buffer or samples are added to the appropriate microtiter plate wells ,then added a HRP-conjugated antibody specific to Rat T4 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 T4 in the samples is then determined by comparing the OD of the samples to the standard curve