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Product Datasheet

Rat Ultrasensitivity Thyroxine (U-T4) ELISA Kit BYT-ORB1946806

Article Name	Rat Ultrasensitivity Thyroxine (U-T4) ELISA Kit
Biozol Catalog Number	BYT-ORB1946806
Supplier Catalog Number	orb1946806
Alternative Catalog Number	BYT-ORB1946806-48,BYT-ORB1946806-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Rat
Product Description	Rat Ultrasensitivity Thyroxine (U-T4) ELISA Kit...
Range	0.16-10ng/mL
Sensitivity	0.1 ng/mL
Samples	serum, plasma, Tissue homogenate and Other biological samples
Target	U-T4

Application Notes

Application Notes: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Rat U-T4. During the reaction, Rat U-T4 in the sample or standard competes with a fixed amount of Rat U-T4 on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Rat U-T4. Excess conjugate and unbound sample or standard are washed away, and Avidin-Horseradish Peroxidase (HRP) conjugate are added to each micro plate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns from blue to yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm \pm 2 nm. The concentration of Rat U-T4 in tested samples can be calculated by comparing the OD of the samples to the standard curve