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Product Datasheet

Mouse Ultrasensitivity Thyroxine (U-T4) ELISA Kit BYT-ORB1946770

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| Article Name | Mouse Ultrasensitivity Thyroxine (U-T4) ELISA Kit |
| Biozol Catalog Number | BYT-ORB1946770 |
| Supplier Catalog Number | orb1946770 |
| Alternative Catalog Number | BYT-ORB1946770-48,BYT-ORB1946770-96 |
| Manufacturer | Biorbyt |
| Category | Kits/Assays |
| Species Reactivity | Mouse |
| Product Description | Mouse Ultrasensitivity Thyroxine (U-T4) ELISA Kit... |
| Range | 0.79-50ng/mL |
| Sensitivity | 0.47 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 Mouse U-T4. During the reaction, Mouse U-T4 in the sample or standard competes with a fixed amount of Mouse U-T4 on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Mouse 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 Mouse U-T4 in tested samples can be calculated by comparing the OD of the samples to the standard curve