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Product Datasheet

Human Beta Crosslaps (beta-CTx) ELISA Kit BYT-ORB1807098

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| Article Name | Human Beta Crosslaps (beta-CTx) ELISA Kit |
| Biozol Catalog Number | BYT-ORB1807098 |
| Supplier Catalog Number | orb1807098 |
| Alternative Catalog Number | BYT-ORB1807098-48,BYT-ORB1807098-96 |
| Manufacturer | Biorbyt |
| Category | Kits/Assays |
| Species Reactivity | Human |
| Product Description | Human Beta Crosslaps (beta-CTx) ELISA Kit... |
| Range | 125.00-8000pg/mL |
| Sensitivity | 37.64 pg/mL |
| Samples | serum, plasma, Tissue homogenate and Other biological samples |
| Target | bCTx |

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 Human beta-CTx. During the reaction, Human beta-CTx in the sample or standard competes with a fixed amount of Human beta-CTx on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Human beta-CTx. 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 Human beta-CTx in tested samples can be calculated by comparing the OD of the samples to the standard curve