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## Product Datasheet

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

|                            |                                                               |
|----------------------------|---------------------------------------------------------------|
| 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                                                          |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| Application Notes | <p>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 <math>\pm</math> 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</p> |
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