

## Product Datasheet

### Rat $\beta$ -CTx(Beta Crosslaps) ELISA Kit (orb1806813)

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|--------------------------|---|
| <b>Description</b>       | Rat $\beta$ -CTx(Beta Crosslaps) ELISA Kit  |
| <b>Reactivity</b>        | Rat   |
| <b>Range</b>             | 125-8000pg/mL   |
| <b>Target</b>            | bCTx  |
| <b>Note</b>              | For research use only   |
| <b>Application notes</b> | <p>This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Rat <math>\beta</math>-CTx. During the reaction, Rat <math>\beta</math>-CTx in the sample or standard competes with a fixed amount of Rat <math>\beta</math>-CTx on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Rat <math>\beta</math>-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 Rat <math>\beta</math>-CTx in tested samples can be calculated by comparing the OD of the samples to the standard curve.</p> |
| <b>Sample Types</b>      | serum, plasma, Tissue homogenate and Other biological samples   |
| <b>Sensitivity</b>       | 75.00 pg/mL   |
| <b>Expiration Date</b>   | Please enquire.   |

