

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Rat Thymosin Beta 4 (TMSbeta4) ELISA Kit BYT-ORB1946813

|                            |   |
|----------------------------|---|
| Article Name               | Rat Thymosin Beta 4 (TMSbeta4) ELISA Kit                      |
| Biozol Catalog Number      | BYT-ORB1946813  |
| Supplier Catalog Number    | orb1946813  |
| Alternative Catalog Number | BYT-ORB1946813-48,BYT-ORB1946813-96                           |
| Manufacturer               | Biorbyt   |
| Category                   | Kits/Assays   |
| Species Reactivity         | Rat   |
| Product Description        | Rat Thymosin Beta 4 (TMSbeta4) ELISA Kit...                   |
| Range                      | 0.4-25ng/mL   |
| Sensitivity                | 0.24 ng/mL  |
| Samples                    | serum, plasma, Tissue homogenate and Other biological samples |
| Target                     | TMSbeta4  |

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 TMSbeta4. During the reaction, Rat TMSbeta4 in the sample or standard competes with a fixed amount of Rat TMSbeta4 on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Rat TMSbeta4. 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 TMSbeta4 in tested samples can be calculated by comparing the OD of the samples to the standard curve