

Product Datasheet

Rat Alpha Crosslaps (α -CTx) ELISA Kit (orb1946804)

Catalog Number	orb1946804
Category	Assays and Kits
Description	Rat Alpha Crosslaps (α -CTx) ELISA Kit
Target	α -CTx
Reactivity	Rat
Application notes	<p>This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Rat α-CTx. During the reaction, Rat α-CTx in the sample or standard competes with a fixed amount of Rat α-CTx on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Rat α-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 Rat α-CTx in tested samples can be calculated by comparing the OD of the samples to the standard curve.</p>
Assay Type	Competitive
Assay Time	1.5H
Standard	6000pg/mL
Range	93.75-6000pg/mL
Sensitivity	56.25 pg/mL

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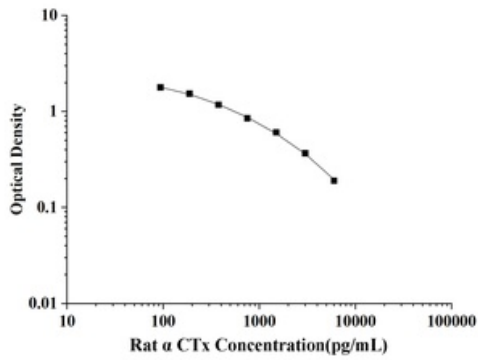
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Sample Types serum, plasma, Tissue homogenate and Other biological samples

Note For research use only

Expiration Date 6 months from date of receipt.



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