

Human alpha Crosslaps (alpha-CTx) Rapid ELISA kit

This Rapid ELISA kit applies Competitive Inhibition enzyme immunoassay technique for the quantitative detection. The micro ELISA plate provided in this kit has been pre-coated with Human alpha-CTx. During the reaction, Human alpha-CTx in the sample or standard competes with a fixed amount of Human alpha-CTx on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Human alpha-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 alpha-CTx in tested samples can be calculated by comparing the OD of the samples to the standard curve.

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| Catalog No. | 3521077 |
| Size | 96-Well Tests |
| Product Category | Rapid ELISA |
| Reactivity | Human |
| Sample | Serum; Plasma; Tissue Homogenate; Other Biological Samples |
| Assay Method | Competitive Inhibition ELISA |
| Assay Duration | 45 min |
| Sensitivity | 56.25 pg/mL |
| Standard Curve Range | 93.75-6000 pg/mL |
| Storage/Stability | -20°C/1 year; 4°C/6 months |

