

Oxytocin (OT) 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 Oxytocin (OT) protein. Standards or samples are added to the appropriate micro ELISA plate wells then with a biotin-conjugated antibody specific to Oxytocin (OT) . Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm \pm 10nm. The concentration of Oxytocin (OT) in the samples is then determined by comparing the OD of the samples to the standard curve.

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| Catalog No. | 3510171 |
| Size | 96-Well Tests |
| Product Category | Rapid ELISA |
| Reactivity | Various |
| Sample | Serum; Plasma; Other Biological Fluids |
| Assay Method | Competitive Inhibition ELISA |
| Assay Duration | 45 min |
| Sensitivity | 5.51 pg/mL |
| Standard Curve Range | 15.63-1000 pg/mL |
| Storage/Stability | -20°C/1 year; 4°C/6 months |