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Product Datasheet

Human Cot(Cotinine) ELISA Kit EBT-ELK0704

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| Article Name | Human Cot(Cotinine) ELISA Kit |
| Biozol Catalog Number | EBT-ELK0704 |
| Supplier Catalog Number | ELK0704 |
| Alternative Catalog Number | EBT-ELK0704-96, EBT-ELK0704-48, EBT-ELK0704-96X5 |
| Manufacturer | ELK Biotechnology |
| Category | Kits/Assays |
| Species Reactivity | Human |
| Concentration | 100 ng/ml |
| Range | 1.57-100 ng/mL |
| Sensitivity | 0.6 ng/mL |
| Samples | serum, plasma, cell lysates, cell culture supernates and other biological fluids |

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2.5h. Research Area: Signal transduction,. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human Cot. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human Cot. 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 10nm. The concentration of Human Cot in the samples is then determined by comparing the OD of the samples to the standard curve