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Product Datasheet

3-NT(3-Nitrotyrosine) ELISA Kit EBT-ELK7866

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| Article Name | 3-NT(3-Nitrotyrosine) ELISA Kit |
| Biozol Catalog Number | EBT-ELK7866 |
| Supplier Catalog Number | ELK7866 |
| Alternative Catalog Number | EBT-ELK7866-96,EBT-ELK7866-48,EBT-ELK7866-96X5 |
| Manufacturer | ELK Biotechnology |
| Category | Kits/Assays |
| Species Reactivity | All |
| Concentration | 300 ng/mL |
| Range | 4.69-300 ng/mL |
| Sensitivity | 1.4 ng/mL |
| Samples | serum, plasma and other biological fluids |

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Metabolic pathway, Infection immunity, Rheumatology,. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with 3-NT. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to 3-NT. 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 3-NT in the samples is then determined by comparing the OD of the samples to the standard curve