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Product Datasheet

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

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	<p>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</p>
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