

## 3-Nitrotyrosine (3-NT) Rapid ELISA kit

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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 3-Nitrotyrosine (3-NT) protein. Standards or samples are added to the appropriate micro ELISA plate wells then with a biotin-conjugated antibody specific to 3-Nitrotyrosine (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  $450\text{nm} \pm 10\text{nm}$ . The concentration of 3-Nitrotyrosine (3-NT) in the samples is then determined by comparing the OD of the samples to the standard curve.

Catalog No.	3510143
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	1.35 ng/mL
Standard Curve Range	4.69-300 ng/mL
Storage/Stability	-20°C/1 year; 4°C/6 months