

Product Datasheet

3-NT(3-Nitrotyrosine) ELISA Kit (orb1806518)

Description	3-NT(3-Nitrotyrosine) ELISA Kit
Reactivity	All
Range	4.69-300 ng/mL
Target	3-NT
Note	For research use only
Application notes	<p>This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with 3-Nitrotyrosine(3-NT) protein. Standards or samples are added to the appropriate microtiter 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 450nm ± 10nm. The concentration of 3-Nitrotyrosine(3-NT) in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
Sample Types	serum, plasma and other biological fluids
Sensitivity	1.35 ng/mL
Expiration Date	Please enquire.

