

Product Datasheet

Human Noradrenaline (NE) ELISA Kit (orb1088246)

Catalog Number orb1088246

Description This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Noradrenaline(NE) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Noradrenaline(NE). 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 Noradrenaline(NE) in the samples is then determined by comparing the OD of the samples to the standard curve.

Reactivity Human

Range 78.13-5000 pg/mL

Concentration 5000 pg/mL

Note For research use only

Application notes standard: 5000 pg/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human NE protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human NE. 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 Human NE in the samples is then determined by comparing the OD of the samples to the standard curve

Sample Types serum, plasma, cell lysates, cell culture supernates and other biological fluids

Assay Time 2.5h

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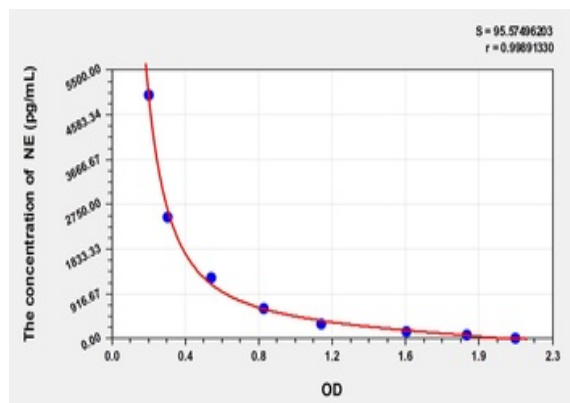
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Sensitivity 24.1 pg/mL

Expiration Date Please enquire.



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