

Product Datasheet

Rat Advanced Oxidation Protein Products (AOPP) ELISA Kit (orb1736557)

Catalog Number orb1736557

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

Reactivity Rat

Range 156.25-10000 pg/mL

Concentration 10000 pg/mL

Note For research use only

Application notes standard: 10000 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 Rat AOPP protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat AOPP. 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 Rat AOPP in the samples is then determined by comparing the OD of the samples to the standard curve

Sample Types Serum, plasma and other biological fluids

Assay Time 2.5h

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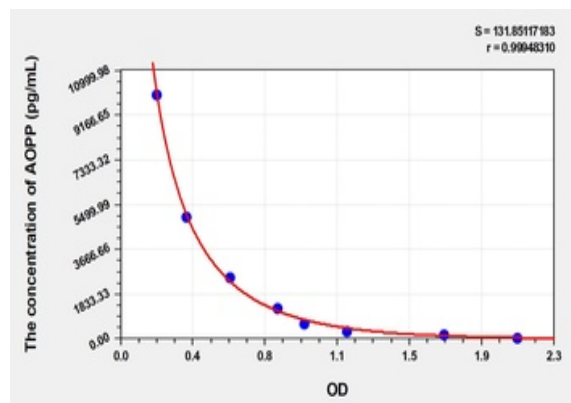
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Sensitivity 49.5 pg/mL

Expiration Date Please enquire.



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