

Product Datasheet

Human Retinol (Ret) ELISA Kit (orb1088170)

Catalog Number orb1088170

Category Assays and Kits

Description This assay employs the competitive inhibition enzyme immunoassay technique.

The microtiter plate provided in this kit has been pre-coated with Retinol(Ret) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Retinol(Ret). 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 $450 \, \mathrm{nm} \pm 10 \, \mathrm{nm}$.

The concentration of Retinol(Ret) in the samples is then determined by

comparing the OD of the samples to the standard curve.

Reactivity Human

Concentration 10000 ng/mL

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

samples to the standard curve

Assay Type Competitive

Assay Time 2.5h

Range 156.25-10000 ng/mL



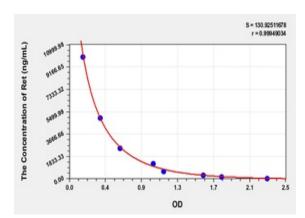


Sensitivity 45.8 ng/mL

Sample Types serum, plasma and other biological fluids

Note For research use only

Expiration Date Please enquire.



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