



Product Datasheet

Car(Carnosine) ELISA Kit (orb1806545)

Description Car(Carnosine) ELISA Kit

Reactivity All

Range 14.07-900 ng/mL

Target Car

Note For research use only

Application notes This assay employs the competitive inhibition

enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Carnosine(Car) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Carnosine(Car). 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 \pm 10nm. The concentration of Carnosine(Car) in the samples is then determined by comparing the

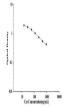
OD of the samples to the standard curve.

Sample Types Serum, plasma, tissue homogenates, cell lysates,

cell culture supernates and other biological fluids

Sensitivity 3.53 ng/mL

Expiration Date Please enquire.



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