



Product Datasheet

4-HNE(4-Hydroxynonenal) ELISA Kit (orb1806568)

Description 4-HNE(4-Hydroxynonenal) ELISA Kit

Reactivity All

Range 0.63-40 ng/mL

Target 4-HNE

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 4-Hydroxynonenal(4-HNE) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to 4-Hydroxynonenal(4-HNE). 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 4-Hydroxynonenal(4-HNE) in the samples is then determined by comparing the OD of the samples to the standard curve.

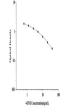
Sample Types serum, plasma, tissue homogenates, cell

lysates, cell culture supernates and other

biological fluids

Sensitivity 0.38 ng/mL

Expiration Date Please enquire.



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