

Product Datasheet

Rat HNE(4-Hydroxynonenal) ELISA Kit (orb1994917)

Description	Rat HNE(4-Hydroxynonenal) ELISA Kit
Reactivity	Rat
Range	1.57-100 ng/mL
Note	For research use only
Application notes	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat HNE. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat HNE. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Rat HNE, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 Rat HNE in the samples is then determined by comparing the OD of the samples to the standard curve.
Sample Types	Serum, plasma, tissue homogenates
Sensitivity	0.67 ng/mL
Expiration Date	Please enquire.