

Product Datasheet

5-HETE(5-Hydroxyeicosatetraenoic Acid) ELISA Kit (orb1946710)

Description	5-HETE(5-Hydroxyeicosatetraenoic Acid) ELISA Kit
Range	12.5-800 ng/mL
Target	5-HETE
Note	For research use only
Application notes	<p>This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with 5-Hydroxyeicosatetraenoic Acid(5-HETE) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to 5-Hydroxyeicosatetraenoic Acid(5-HETE). 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 5-Hydroxyeicosatetraenoic Acid(5-HETE) in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
Sample Types	Serum, plasma and other biological fluids
Sensitivity	3.95 ng/mL
Expiration Date	Please enquire.

