

Product Datasheet

General Tetrahydrofolic Acid (THFA) ELISA Kit (orb1946692)

Catalog Number	orb1946692
Category	Assays and Kits
Description	General Tetrahydrofolic Acid (THFA) ELISA Kit
Target	THFA
Reactivity	All
Application notes	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Tetrahydrofolic Acid(THFA) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Tetrahydrofolic Acid(THFA). 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 Tetrahydrofolic Acid(THFA) in the samples is then determined by comparing the OD of the samples to the standard curve.
Assay Type	Competitive
Assay Time	1.5H
Standard	100 ng/mL
Range	1.57-100ng/mL
Sensitivity	0.57 ng/mL
Sample Types	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

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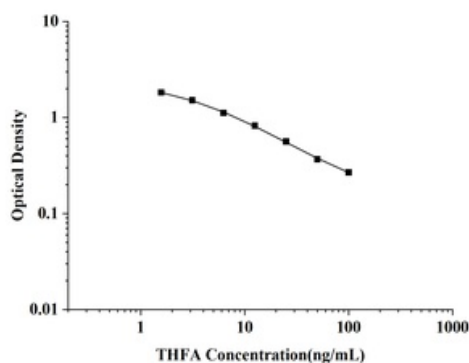
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Note For research use only

Expiration Date Please enquire.



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