

Product Datasheet

General Homocysteine (HCy) ELISA Kit (orb1946700)

Catalog Number	orb1946700
Category	Assays and Kits
Description	General Homocysteine (HCy) ELISA Kit
Target	HCy
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 Homocysteine(HCy) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Homocysteine(HCy). 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 Homocysteine(HCy) 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	8000 ng/mL
Range	125-8000ng/mL
Sensitivity	39.55 ng/mL
Sample Types	serum, plasma and other biological fluids
Note	For research use only

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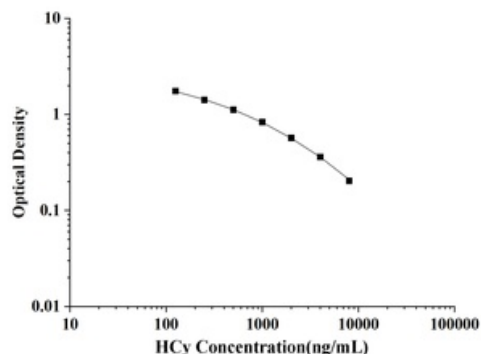
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Expiration Date

Please enquire.



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