

Homocysteine (HCy) Rapid ELISA kit

This Rapid ELISA kit applies Competitive Inhibition enzyme immunoassay technique for the quantitative detection. The micro ELISA plate provided in this kit has been pre-coated with HCy. Standards or samples are added to the appropriate micro ELISA plate wells then with a biotin-conjugated antibody specific to 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 $450\text{nm} \pm 10\text{nm}$. The concentration of HCy in the samples is then determined by comparing the OD of the samples to the standard curve.

Catalog No.	3510090
Size	96-Well Tests
Product Category	Rapid ELISA
Reactivity	Various
Sample	Serum; Plasma; Other Biological Fluids
Assay Method	Competitive Inhibition ELISA
Assay Duration	45 min
Sensitivity	39.55 ng/mL
Standard Curve Range	125-8000 ng/mL
Storage/Stability	-20°C/1 year; 4°C/6 months