

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### General Homocysteine (HCy) ELISA Kit BYT-ORB1946700

Article Name	General Homocysteine (HCy) ELISA Kit
Biozol Catalog Number	BYT-ORB1946700
Supplier Catalog Number	orb1946700
Alternative Catalog Number	BYT-ORB1946700-48,BYT-ORB1946700-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	All
Product Description	General Homocysteine (HCy) ELISA Kit...
Range	125-8000ng/mL
Sensitivity	39.55 ng/mL
Samples	serum, plasma and other biological fluids
Target	HCy

Application Notes

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 10nm. The concentration of Homocysteine(HCy) in the samples is then determined by comparing the OD of the samples to the standard curve