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Product Datasheet

General Cyclic Guanosine Monophosphate (cGMP) ELISA Kit BYT-ORB1806554

Article Name	General Cyclic Guanosine Monophosphate (cGMP) ELISA Kit
Biozol Catalog Number	BYT-ORB1806554
Supplier Catalog Number	orb1806554
Alternative Catalog Number	BYT-ORB1806554-48,BYT-ORB1806554-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	All
Product Description	General Cyclic Guanosine Monophosphate (cGMP) ELISA Kit...
Range	156.25-10000pg/mL
Sensitivity	45.2 pg/mL
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Target	cGMP

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 Cyclic Guanosine Monophosphate(cGMP) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cyclic Guanosine Monophosphate(cGMP). 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 Cyclic Guanosine Monophosphate(cGMP) in the samples is then determined by comparing the OD of the samples to the standard curve