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Product Datasheet

General Cyclic Guanosine Monophosphate (cGMP) ELISA Kit BYT-ORB781980

Artikelname	General Cyclic Guanosine Monophosphate (cGMP) ELISA Kit
Artikelnummer	BYT-ORB781980
Hersteller Artikelnummer	orb781980
Alternativnummer	BYT-ORB781980-48, BYT-ORB781980-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	All
Produktbeschreibung	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 ...
Konzentration	10000 pg/mL
Detektionsbereich	156.25-10000 pg/mL
Sensitivitaet	43.8 pg/mL
Proben	serum, plasma, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 10000 pg/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with cGMP protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to 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 cGMP in the samples is then determined by comparing the OD of the samples to the standard curve