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Product Datasheet

General Cyclic Adenosine Monophosphate (cAMP) ELISA Kit BYT-ORB781952

Artikelname	General Cyclic Adenosine Monophosphate (cAMP) ELISA Kit
Artikelnummer	BYT-ORB781952
Hersteller Artikelnummer	orb781952
Alternativnummer	BYT-ORB781952-48, BYT-ORB781952-96
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 Adenosine Monophosphate(cAMP) protein. Standards or samples are added to the appropriate microtiter ...
Konzentration	20000 pg/mL
Detektionsbereich	312.5-20000 pg/mL
Sensitivitaet	92.2 pg/mL
Proben	serum, plasma, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 20000 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 cAMP protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to cAMP. 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 cAMP in the samples is then determined by comparing the OD of the samples to the standard curve