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## Product Datasheet

### General Phosphocreatine (PCr) ELISA Kit BYT-ORB782083

Artikelname	General Phosphocreatine (PCr) ELISA Kit
Artikelnummer	BYT-ORB782083
Hersteller Artikelnummer	orb782083
Alternativnummer	BYT-ORB782083-48, BYT-ORB782083-96
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 Phosphocreatine(PCr) protein. Standards or samples are added to the appropriate microtiter plate wells then...
Konzentration	10000 ng/mL
Detektionsbereich	156.25-10000 ng/mL
Sensitivitaet	50.4 ng/mL
Proben	serum, plasma and other biological fluids

Anwendungsbeschreibung

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