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## Product Datasheet

### Human Phospholipase A2, Calcium Independent (iPLA2) ELISA Kit BYT-ORB776223

Artikelname	Human Phospholipase A2, Calcium Independent (iPLA2) ELISA Kit
Artikelnummer	BYT-ORB776223
Hersteller Artikelnummer	orb776223
Alternativnummer	BYT-ORB776223-48, BYT-ORB776223-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Human
Produktbeschreibung	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Phospholipase A2, Calcium Independent(iPLA2)....
Konzentration	5000 pg/mL
Detektionsbereich	78.13-5000 pg/mL
Sensitivitaet	30 pg/mL
Proben	serum, plasma and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 5000 pg/mL. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human iPLA2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human iPLA2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human iPLA2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 Human iPLA2 in the samples is then determined by comparing the OD of the samples to the standard curve