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## Product Datasheet

### Human Phospholipase A2, Group IIA (PLA2G2A) ELISA Kit BYT-ORB777616

Article Name	Human Phospholipase A2, Group IIA (PLA2G2A) ELISA Kit
Biozol Catalog Number	BYT-ORB777616
Supplier Catalog Number	orb777616
Alternative Catalog Number	BYT-ORB777616-48, BYT-ORB777616-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	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, Group IIA(PLA2G2A)....
Concentration	800 pg/mL
Range	12.5-800 pg/mL
Sensitivity	5.2 pg/mL
UniProt	<a href="#">P14555</a>
Samples	serum, plasma, tissue homogenates and other biological fluids

Application Notes

Application Notes: standard: 800 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 PLA2G2A. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human PLA2G2A. 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 PLA2G2A, 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 PLA2G2A in the samples is then determined by comparing the OD of the samples to the standard curve