

Product Datasheet

Human Phospholipase A2, Group IIA (PLA2G2A) ELISA Kit (orb777616)

Catalog Number	orb777616
Category	Assays and Kits
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).
Reactivity	Human
Concentration	800 pg/mL
UniProt ID	P14555
Tested applications	ELISA
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 \pm 10nm. The concentration of Human PLA2G2A in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Sandwich
Assay Time	3.5h

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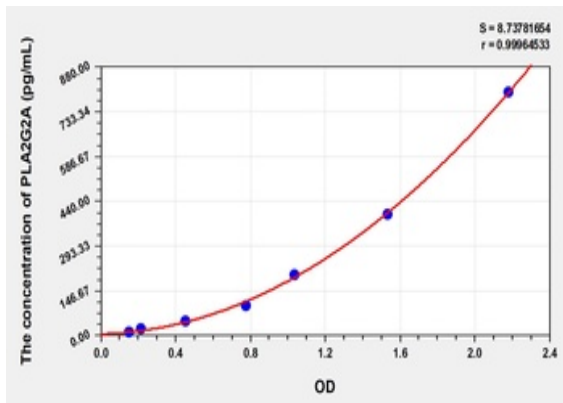
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Range	12.5-800 pg/mL
Sensitivity	5.2 pg/mL
Sample Types	serum, plasma, tissue homogenates and other biological fluids
Note	For research use only
Expiration Date	Please enquire.

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