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## Product Datasheet

### Mouse Phospholipase A2, Group III (PLA2G3) ELISA Kit BYT-ORB780950

Article Name	Mouse Phospholipase A2, Group III (PLA2G3) ELISA Kit
Biozol Catalog Number	BYT-ORB780950
Supplier Catalog Number	orb780950
Alternative Catalog Number	BYT-ORB780950-48, BYT-ORB780950-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Mouse
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 III(PLA2G3)....
Concentration	50 ng/mL
Range	0.79-50 ng/mL
Sensitivity	0.28 ng/mL
UniProt	<a href="#">Q8BZT7</a>
Samples	Serum, plasma and other biological fluids.

Application Notes

Application Notes: standard: 50 ng/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 Mouse PLA2G3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse PLA2G3. 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 Mouse PLA2G3, 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 Mouse PLA2G3 in the samples is then determined by comparing the OD of the samples to the standard curve