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Product Datasheet

Human Alkaline Sphingomyelinase (Alk-Smase) ELISA Kit BYT-ORB776495

Article Name	Human Alkaline Sphingomyelinase (Alk-Smase) ELISA Kit
Biozol Catalog Number	BYT-ORB776495
Supplier Catalog Number	orb776495
Alternative Catalog Number	BYT-ORB776495-48, BYT-ORB776495-96
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 Alkaline Sphingomyelinase(Alk-Smase)....
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.109 ng/mL
UniProt	Q6UWV6
Samples	tissue homogenates, cell lysates and other biological fluids

Application Notes

Application Notes: standard: 20 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 Human Alk-Smase. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human Alk-Smase. 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 Alk-Smase, 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 Alk-Smase in the samples is then determined by comparing the OD of the samples to the standard curve