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Product Datasheet

Human Niemann Pick Disease Type C2 (NPC2) ELISA Kit BYT-ORB780997

Article Name	Human Niemann Pick Disease Type C2 (NPC2) ELISA Kit
Biozol Catalog Number	BYT-ORB780997
Supplier Catalog Number	orb780997
Alternative Catalog Number	BYT-ORB780997-48, BYT-ORB780997-96
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 Niemann Pick Disease Type C2(NPC2)....
Concentration	50 ng/mL
Range	0.79-50 ng/mL
Sensitivity	0.3 ng/mL
UniProt	P61916
Samples	serum, plasma, tissue homogenates 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 Human NPC2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human NPC2. 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 NPC2, 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 NPC2 in the samples is then determined by comparing the OD of the samples to the standard curve