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Product Datasheet

Human Ectonucleotide Pyrophosphatase/Phosphodiesterase 2 (ENPP2) ELISA Kit BYT-ORB777049

Article Name	Human Ectonucleotide Pyrophosphatase/Phosphodiesterase 2 (ENPP2) ELISA Kit
Biozol Catalog Number	BYT-ORB777049
Supplier Catalog Number	orb777049
Alternative Catalog Number	BYT-ORB777049-48, BYT-ORB777049-96
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 Ectonucleotide Pyrophosphatase/Phosphodiesterase 2(ENPP2)....
Concentration	6000 pg/mL
Range	93.75-6000 pg/mL
Sensitivity	44.37 pg/mL
UniProt	Q13822
Samples	Serum, plasma and other biological fluids.

Application Notes

Application Notes: standard: 6000 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 ENPP2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human ENPP2. 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 ENPP2, 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 ENPP2 in the samples is then determined by comparing the OD of the samples to the standard curve