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Product Datasheet

Human Cyclophilin B (CYPB) ELISA Kit BYT-ORB775987

Article Name	Human Cyclophilin B (CYPB) ELISA Kit
Biozol Catalog Number	BYT-ORB775987
Supplier Catalog Number	orb775987
Alternative Catalog Number	BYT-ORB775987-48, BYT-ORB775987-96
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 Cyclophilin B(CYPB)....
Concentration	5000 pg/mL
Range	78.13-5000 pg/mL
Sensitivity	32.2 pg/mL
UniProt	P23284
Samples	serum, plasma and other biological fluids

Application Notes

Application Notes: standard: 5000 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 CYPB. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human CYPB. 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 CYPB, 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 CYPB in the samples is then determined by comparing the OD of the samples to the standard curve