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Product Datasheet

Simian TRACP-5b(TartSimiane Resistant Acid Phosphatase 5b) ELISA Kit BYT-ORB3126983

Article Name	Simian TRACP-5b(TartSimiane Resistant Acid Phosphatase 5b) ELISA Kit
Biozol Catalog Number	BYT-ORB3126983
Supplier Catalog Number	orb3126983
Alternative Catalog Number	BYT-ORB3126983-48, BYT-ORB3126983-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Primate
Product Description	Simian TRACP-5b(TartSimiane Resistant Acid Phosphatase 5b) ELISA Kit...
Range	0.78-50 ng/mL
Sensitivity	0.45 ng/mL
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: 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 Simian TRACP-5b. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Simian TRACP-5b. 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 Simian TRACP-5b, 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 Simian TRACP-5b in the samples is then determined by comparing the OD of the samples to the standard curve