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Product Datasheet

Simian Plasminogen Activator Inhibitor 1 (PAI1) ELISA Kit BYT-ORB2667461

Article Name	Simian Plasminogen Activator Inhibitor 1 (PAI1) ELISA Kit
Biozol Catalog Number	BYT-ORB2667461
Supplier Catalog Number	orb2667461
Alternative Catalog Number	BYT-ORB2667461-48,BYT-ORB2667461-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Primate
Product Description	Simian Plasminogen Activator Inhibitor 1 (PAI1) ELISA Kit...
Range	1.56-100 ng/mL
Sensitivity	0.47 ng/mL
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.

Application Notes

Application Notes: standard: 100 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 Simian PAI1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Simian PAI1. 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 PAI1, 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 PAI1 in the samples is then determined by comparing the OD of the samples to the standard curve