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Product Datasheet

Human Spondin 1 (SPON1) ELISA Kit BYT-ORB777182

Article Name	Human Spondin 1 (SPON1) ELISA Kit
Biozol Catalog Number	BYT-ORB777182
Supplier Catalog Number	orb777182
Alternative Catalog Number	BYT-ORB777182-48, BYT-ORB777182-96
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 Spondin 1(SPON1)....
Concentration	40 ng/mL
Range	0.63-40 ng/mL
Sensitivity	0.236 ng/mL
UniProt	Q9HCB6
Samples	serum, plasma and other biological fluids

Application Notes

Application Notes: standard: 40 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 SPON1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human SPON1. 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 SPON1, 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 SPON1 in the samples is then determined by comparing the OD of the samples to the standard curve