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Product Datasheet

Human Soluble Vascular Endothelial Growth Factor Receptor 1 (sVEGFR-1) ELISA Kit BYT-ORB782513

Article Name	Human Soluble Vascular Endothelial Growth Factor Receptor 1 (sVEGFR-1) ELISA Kit
Biozol Catalog Number	BYT-ORB782513
Supplier Catalog Number	orb782513
Alternative Catalog Number	BYT-ORB782513-48, BYT-ORB782513-96
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 soluble Vascular Endothelial Growth Factor Receptor 1(sVEGFR-1)....
Concentration	500 pg/mL
Range	7.82-500 pg/mL
Sensitivity	3 pg/mL
Samples	serum, plasma, tissue homogenates, saliva, cell lysates, follicular fluid and other biological fluids

Application Notes

Application Notes: standard: 500 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 sVEGFR-1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human sVEGFR-1. 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 sVEGFR-1, 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 sVEGFR-1 in the samples is then determined by comparing the OD of the samples to the standard curve