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Product Datasheet

Human Vascular Endothelial Growth Factor 121 (VEGF121) ELISA Kit BYT-ORB775058

Article Name	Human Vascular Endothelial Growth Factor 121 (VEGF121) ELISA Kit
Biozol Catalog Number	BYT-ORB775058
Supplier Catalog Number	orb775058
Alternative Catalog Number	BYT-ORB775058-48,BYT-ORB775058-96
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 Vascular Endothelial Growth Factor 121(VEGF121)....
Concentration	1000 pg/mL
Range	15.63-1000 pg/mL
Sensitivity	6.7 pg/mL
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes	Application Notes: standard: 1000 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 VEGF121. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human VEGF121. 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 VEGF121, 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 VEGF121 in the samples is then determined by comparing the OD of the samples to the standard curve