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Product Datasheet

Human Soluble Interleukin-2 Receptor Alpha Chain (IL-2sRa/CD25) ELISA Kit BYT-ORB776042

Article Name	Human Soluble Interleukin-2 Receptor Alpha Chain (IL-2sRa/CD25) ELISA Kit
Biozol Catalog Number	BYT-ORB776042
Supplier Catalog Number	orb776042
Alternative Catalog Number	BYT-ORB776042-48, BYT-ORB776042-96
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 Interleukin 2 Receptor Alpha(IL2Ra)....
Concentration	1000 pg/mL
Range	15.63-1000 pg/mL
Sensitivity	6.7 pg/mL
Samples	Serum, plasma, tissue homogenates 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 IL-2sRa/CD25. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human IL-2sRa/CD25. 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 IL-2sRa/CD25, 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 IL-2sRa/CD25 in the samples is then determined by comparing the OD of the samples to the standard curve