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## Product Datasheet

### Human Soluble Interleukin 6 Receptor (sIL-6R) ELISA Kit BYT-ORB776111

Article Name	Human Soluble Interleukin 6 Receptor (sIL-6R) ELISA Kit
Biozol Catalog Number	BYT-ORB776111
Supplier Catalog Number	orb776111
Alternative Catalog Number	BYT-ORB776111-48, BYT-ORB776111-96
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 6 Receptor(IL6R)....
Concentration	120 ng/mL
Range	1.88-120 ng/mL
Sensitivity	0.81 ng/mL
Samples	Serum, plasma, tissue homogenates, urine and other biological fluids

Application Notes

Application Notes: standard: 120 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 sIL-6R. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human sIL-6R. 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 sIL-6R, 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 sIL-6R in the samples is then determined by comparing the OD of the samples to the standard curve