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## Product Datasheet

### **Human sIL-6R(SolubleInterleukin 6 Receptor) Microsample ELISA Kit EBT-ELK2247MS**

Article Name	Human sIL-6R(SolubleInterleukin 6 Receptor) Microsample ELISA Kit
Biozol Catalog Number	EBT-ELK2247MS
Supplier Catalog Number	ELK2247MS
Alternative Catalog Number	EBT-ELK2247MS-96, EBT-ELK2247MS-48, EBT-ELK2247MS-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	120 ng/mL
Range	1.88-120 ng/mL
Sensitivity	0.78 ng/mL
Samples	Serum, plasma, tissue homogenates, urine and other biological fluids

#### Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, CD & Adhesion molecule, Infection immunity,. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been precoated 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