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Product Datasheet

Human sIL2Ra(Soluble Interleukin-2 Receptor alpha) ELISA Kit EBT-ELK0823

Article Name	Human sIL2Ra(Soluble Interleukin-2 Receptor alpha) ELISA Kit
Biozol Catalog Number	EBT-ELK0823
Supplier Catalog Number	ELK0823
Alternative Catalog Number	EBT-ELK0823-96, EBT-ELK0823-48, EBT-ELK0823-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	2000 pg/mL
Range	31.25-2000 pg/mL
Sensitivity	17 pg/mL
UniProt	P01589
Samples	Serum, plasma, tissue homogenates and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: 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 pre-coated with an antibody specific to Human sIL2Ra. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human sIL2Ra. 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 sIL2Ra, 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 sIL2Ra in the samples is then determined by comparing the OD of the samples to the standard curve