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## Product Datasheet

### **Human IL-2sRa/CD25(Soluble Interleukin-2 Receptor alpha chain) Microsample ELISA Kit EBT-ELK2178MS**

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|----------------------------|---|
| Article Name               | Human IL-2sRa/CD25(Soluble Interleukin-2 Receptor alpha chain)<br>Microsample ELISA Kit |
| Biozol Catalog Number      | EBT-ELK2178MS   |
| Supplier Catalog Number    | ELK2178MS   |
| Alternative Catalog Number | EBT-ELK2178MS-96, EBT-ELK2178MS-48, EBT-ELK2178MS-96X5                                  |
| Manufacturer               | ELK Biotechnology   |
| Category                   | Kits/Assays   |
| Species Reactivity         | Human   |
| Concentration              | 1000 pg/mL  |
| Range                      | 15.63-1000 pg/mL  |
| Sensitivity                | 6.5 pg/mL   |
| Samples                    | Serum, plasma, tissue homogenates and other biological fluids                           |

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, CD & Adhesion molecule, Tumor immunity, 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 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