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## Product Datasheet

### Human TNFa(Tumor Necrosis Factor Alpha) Microsample ELISA Kit EBT-ELK1190MS

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|--------------------------|--|
| Artikelname              | Human TNFa(Tumor Necrosis Factor Alpha) Microsample ELISA Kit  |
| Artikelnummer            | EBT-ELK1190MS  |
| Hersteller Artikelnummer | ELK1190MS  |
| Alternativnummer         | EBT-ELK1190MS-96, EBT-ELK1190MS-48, EBT-ELK1190MS-96X5   |
| Hersteller               | ELK Biotechnology  |
| Kategorie                | Kits/Assays  |
| Spezies Reaktivität      | Human  |
| Konzentration            | 1000 pg/mL   |
| Detektionsbereich        | 15.63-1000 pg/mL   |
| Sensitivitaet            | 6.5 pg/mL  |
| UniProt                  | <a href="#">P01375</a>   |
| Proben                   | serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids |

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Cytokine, 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 TNF $\alpha$ . Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human TNF $\alpha$ . 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 TNF $\alpha$ , 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  $\pm$  10nm. The concentration of Human TNF $\alpha$  in the samples is then determined by comparing the OD of the samples to the standard curve