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## Product Datasheet

### Rat IL-12p40(Interleukin 12 p40) ELISA Kit EBT-ELK2509

|                            |                                                                                                      |
|----------------------------|------------------------------------------------------------------------------------------------------|
| Article Name               | Rat IL-12p40(Interleukin 12 p40) ELISA Kit                                                           |
| Biozol Catalog Number      | EBT-ELK2509                                                                                          |
| Supplier Catalog Number    | ELK2509                                                                                              |
| Alternative Catalog Number | EBT-ELK2509-96, EBT-ELK2509-48, EBT-ELK2509-96X5                                                     |
| Manufacturer               | ELK Biotechnology                                                                                    |
| Category                   | Kits/Assays                                                                                          |
| Species Reactivity         | Rat                                                                                                  |
| Concentration              | 1000 pg/mL                                                                                           |
| Range                      | 15.63-1000 pg/mL                                                                                     |
| Sensitivity                | 5.6 pg/mL                                                                                            |
| Samples                    | serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids |

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| Application Notes | <p>Assay Type: Sandwich. Assay length: 3.5h. Research Area: Cytokine, Infection immunity, Immune molecule,. 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 Rat IL-12p40. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat IL-12p40. 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 Rat IL-12p40, 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 Rat IL-12p40 in the samples is then determined by comparing the OD of the samples to the standard curve</p> |
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