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## Product Datasheet

### Rat TPO-Ab(anti-Thyroid-Peroxidase antibody) ELISA Kit EBT-ELK8352

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| Article Name               | Rat TPO-Ab(anti-Thyroid-Peroxidase antibody) ELISA Kit                           |
| Biozol Catalog Number      | EBT-ELK8352  |
| Supplier Catalog Number    | ELK8352  |
| Alternative Catalog Number | EBT-ELK8352-96,EBT-ELK8352-48,EBT-ELK8352-96X5                                   |
| Manufacturer               | ELK Biotechnology  |
| Category                   | Kits/Assays  |
| Species Reactivity         | Rat  |
| Concentration              | 80 IU/mL   |
| Range                      | 1.25-80 IU/mL  |
| Sensitivity                | 1.25 IU/mL   |
| Samples                    | serum, plasma, cell lysates, cell culture supernates and other biological fluids |

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| Application Notes | <p>Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Signal transduction, Metabolic pathway, Infection immunity, Hormone metabolism, Dermatology, . Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Rat TPO-Ab. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat TPO-Ab. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 TPO-Ab in the samples is then determined by comparing the OD of the samples to the standard curve</p> |
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