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## Product Datasheet

### Goat T4(Thyroxine) ELISA Kit EBT-ELK0741

|                            |                                                  |
|----------------------------|--------------------------------------------------|
| Article Name               | Goat T4(Thyroxine) ELISA Kit                     |
| Biozol Catalog Number      | EBT-ELK0741                                      |
| Supplier Catalog Number    | ELK0741                                          |
| Alternative Catalog Number | EBT-ELK0741-96, EBT-ELK0741-48, EBT-ELK0741-96X5 |
| Manufacturer               | ELK Biotechnology                                |
| Category                   | Kits/Assays                                      |
| Species Reactivity         | Goat                                             |
| Concentration              | 300 ng/mL                                        |
| Range                      | 4.69-300 ng/mL                                   |
| Sensitivity                | 1.86 ng/mL                                       |
| Samples                    | serum, plasma and other biological fluids        |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| Application Notes | <p>Assay Type: Competitive Inhibition. Assay length: 2.5h. Research Area: Endocrinology,Hormone metabolism,. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Goat T4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Goat T4. 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 Goat T4 in the samples is then determined by comparing the OD of the samples to the standard curve</p> |
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