

## Product Datasheet

### Human Tb4 ELISA Kit (orb778255)

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| <b>Description</b>         | This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate pro...  |
| <b>Reactivity</b>          | Human  |
| <b>Range</b>               | 3.13-200 ng/mL   |
| <b>Tested Applications</b> | ELISA  |
| <b>Concentration</b>       | 200 ng/mL  |
| <b>Note</b>                | For research use only  |
| <b>Application notes</b>   | Standard: 200 ng/mL. Test Principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human Tb4 protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human Tb4. 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 Human Tb4 in the samples is then determined by comparing the OD of the samples to the standard curve |
| <b>Sample Types</b>        | Serum, plasma and other biological fluids  |
| <b>Uniprot ID</b>          | <b>P62328</b>  |
| <b>Sensitivity</b>         | 0.91 ng/mL   |
| <b>Expiration Date</b>     | Please enquire.  |

