

## Product Datasheet

### T4(Thyroxine) ELISA Kit (orb1946665)

<b>Description</b>	T4(Thyroxine) ELISA Kit
<b>Range</b>	4.69-300 ng/mL
<b>Target</b>	T4
<b>Note</b>	For research use only
<b>Application notes</b>	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Thyroxine(T4) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Thyroxine(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 $\pm$ 10nm. The concentration of Thyroxine(T4) 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>Sensitivity</b>	1.42 ng/mL
<b>Expiration Date</b>	Please enquire.

