

## Product Datasheet

# Human WW Domain Containing Oxidoreductase (WWOX) ELISA Kit (orb1146837)

### Description

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 WW domain-containing oxidoreductase(WWOX). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to WW domain-containing oxidoreductase(WWOX). 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 WW domain-containing oxidoreductase(WWOX), 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  $450\text{nm} \pm 10\text{nm}$ . The concentration of WW domain-containing oxidoreductase(WWOX) in the samples is then determined by comparing the OD of the samples to the standard curve.

### Reactivity

Human

### Range

0.32-20 ng/mL

### Concentration

20 ng/mL

### Note

For research use only

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**Application notes**

standard: 20 ng/mL. 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 Human WWOX. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human WWOX. 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 Human WWOX, 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  $450\text{nm} \pm 10\text{nm}$ . The concentration of Human WWOX in the samples is then determined by comparing the OD of the samples to the standard curve

**Sample Types**

serum, plasma and other biological fluids

**Assay Time**

3.5h

**Uniprot ID**

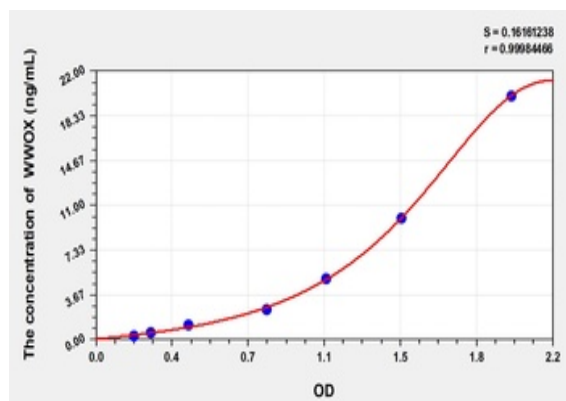
**Q9NZC7**

**Sensitivity**

0.113 ng/mL

**Expiration Date**

Please enquire.

**Biorbyt Ltd.**

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