

Product Datasheet

Rat Tumor Necrosis Factor Receptor Superfamily, Member 25 (TNFRSF25) ELISA Kit (orb1146956)

Catalog Number orb1146956

Category Assays and Kits

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 Tumor necrosis factor receptor superfamily member 25(TNFRSF25). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Tumor necrosis factor receptor superfamily member 25(TNFRSF25). 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 Tumor necrosis factor receptor superfamily member 25(TNFRSF25), 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 Tumor necrosis factor receptor superfamily member 25(TNFRSF25) in the samples is then determined by comparing the OD of the samples to the standard curve.

Reactivity Rat

Concentration 2000 pg/mL

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Application notes

standard: 2000 pg/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 Rat TNFRSF25. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat TNFRSF25. 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 Rat TNFRSF25, 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 450nm ± 10nm. The concentration of Rat TNFRSF25 in the samples is then determined by comparing the OD of the samples to the standard curve

Assay Type

Sandwich

Assay Time

3.5h

Range

31.25-2000 pg/mL

Sensitivity

14.1 pg/mL

Sample Types

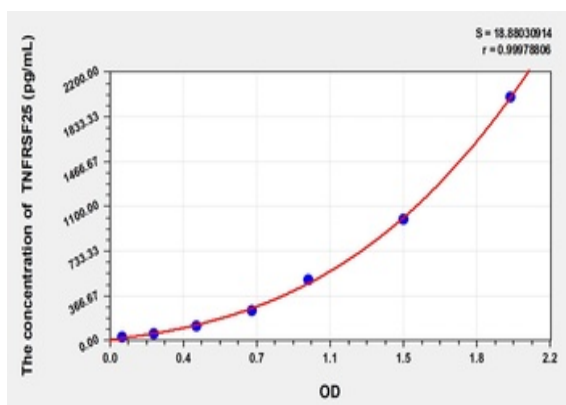
Serum, plasma, tissue homogenates, cell lysates and other biological fluids.

Note

For research use only

Expiration Date

Please enquire.



Standard curve for orb1146956 ELISA kit.

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