

Product Datasheet

Dog Tumor Necrosis Factor Receptor Superfamily, Member 5 (TNFRSF5) ELISA Kit (orb1088197)

Catalog Number	orb1088197
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 5(TNFRSF5). 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 5(TNFRSF5). 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 5(TNFRSF5), 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 $\pm$ 10nm. The concentration of Tumor Necrosis Factor Receptor Superfamily, Member 5(TNFRSF5) in the samples is then determined by comparing the OD of the samples to the standard curve.
Reactivity	Canine
Concentration	1000 pg/mL
UniProt ID	Q7YRL5

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Application notes

standard: 1000 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 Dog TNFRSF5. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog TNFRSF5. 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 Dog TNFRSF5, 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 Dog TNFRSF5 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

15.63-1000 pg/mL

Sensitivity

5.3 pg/mL

Sample Types

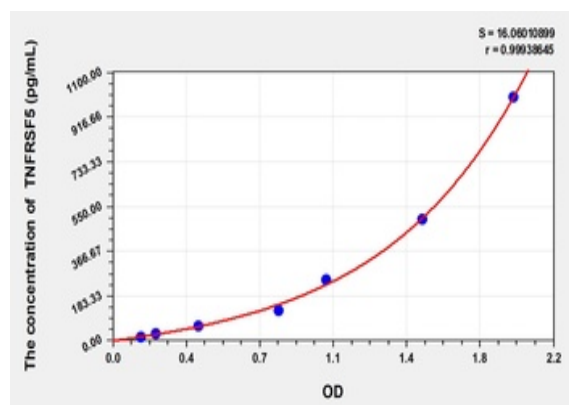
Serum, plasma and other biological fluids.

Note

For research use only

Expiration Date

Please enquire.



Standard curve for orb1088197 ELISA kit.

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