

Product Datasheet

Rat TNF Receptor-Associated Factor 2 (TRAF2) ELISA Kit (orb1088219)

Catalog Number orb1088219

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 TNF Receptor-Associated Factor 2 (TRAF2). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to TNF Receptor-Associated Factor 2 (TRAF2). 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 TNF Receptor-Associated Factor 2 (TRAF2), 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 TNF Receptor-Associated Factor 2 (TRAF2) in the samples is then determined by comparing the OD of the samples to the standard curve.

Reactivity Rat

Concentration 5000 pg/mL

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Application notes

standard: 5000 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 TRAF2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat TRAF2. 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 TRAF2, 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 Rat TRAF2 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

78.13-5000 pg/mL

Sensitivity

25.4 pg/mL

Sample Types

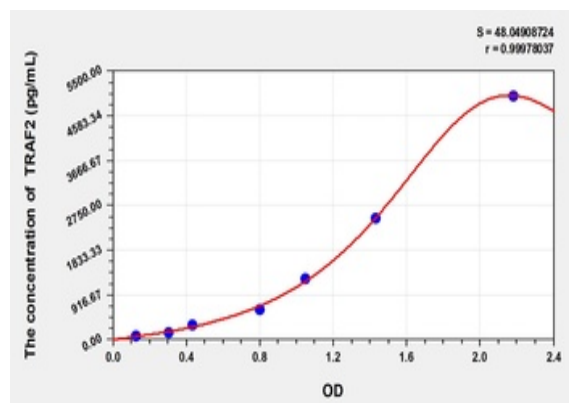
serum, plasma and other biological fluids

Note

For research use only

Expiration Date

Please enquire.



Standard curve for orb1088219 ELISA kit.

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