

Product Datasheet

Rat Tumor Necrosis Factor Receptor Superfamily, Member 10A (TNFRSF10A) ELISA Kit (orb1146955)

Catalog Number orb1146955

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 10A(TNFRSF10A). 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 10A(TNFRSF10A). 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 10A(TNFRSF10A), 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 10A(TNFRSF10A) in the samples is then determined by comparing the OD of the samples to the standard curve.

Reactivity Rat

Concentration 10 ng/mL

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Application notes

standard: 10 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 Rat TNFRSF10A. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat TNFRSF10A. 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 TNFRSF10A, 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 TNFRSF10A 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

0.16-10 ng/mL

Sensitivity

0.057 ng/mL

Sample Types

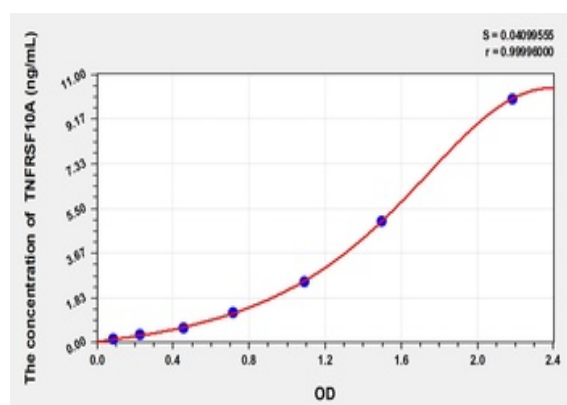
Tissue homogenates, cell Lysates and other biological fluids.

Note

For research use only

Expiration Date

Please enquire.



Standard curve for orb1146955 ELISA kit.

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