

Product Datasheet

Rat Tenomodulin (TNMD) ELISA Kit (orb1736609)

Catalog Number orb1736609

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 Rat TNMD. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat TNMD. 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 TNMD, 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 Rat TNMD in the samples is then determined by comparing the OD of the samples to the standard curve.

Reactivity Rat

Concentration 10 ng/mL

UniProt ID **Q9ESC2**

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 TNMD. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat TNMD. 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 TNMD, 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 Rat TNMD in the samples is then determined by comparing the OD of the samples to the standard curve

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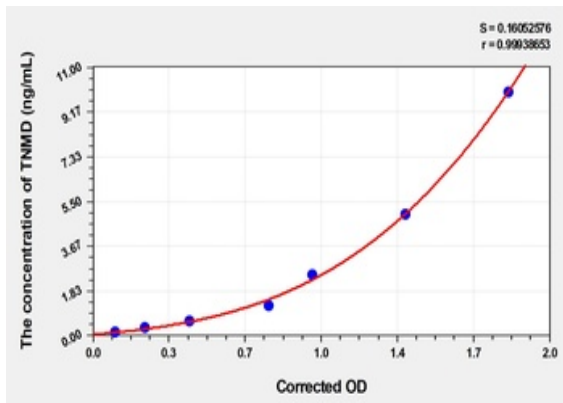
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Assay Type	Sandwich
Assay Time	3.5h
Range	0.16-10 ng/mL
Sensitivity	0.064 ng/mL
Sample Types	Tissue homogenates, cell lysates and other biological fluids.
Note	For research use only
Expiration Date	6 months from date of receipt.



Standard curve for orb1736609 ELISA kit.

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