

Product Datasheet

Mouse Total cholesterol (TC) ELISA Kit (orb1146963)

Catalog Number orb1146963

Category Assays and Kits

Description This assay employs the competitive inhibition enzyme immunoassay technique.

The microtiter plate provided in this kit has been pre-coated with Mouse TC protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse TC. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of $450 \, \mathrm{nm} \pm 10 \, \mathrm{nm}$. The concentration of Mouse TC in the samples is then determined by comparing

the OD of the samples to the standard curve.

Reactivity Mouse

Concentration 500 μg/mL

Application notes standard: 500 µg/mL. Test principle: This assay employs the competitive

inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Mouse TC protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse TC. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 Mouse TC in the samples is then determined by comparing the OD of the samples to the standard curve

Assay Type Competitive

Assay Time 2.5h

Range 7.82-500 μg/mL

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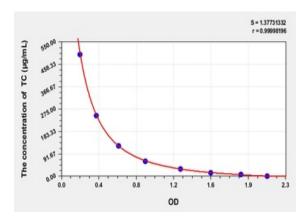
Sensitivity 2.63 μ g/mL

Sample Types serum, plasma, tissue homogenates, cell lysates, cell culture supernates and

other biological fluids

Note For research use only

Expiration Date Please enquire.



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