

Product Datasheet

Mouse Total cholesterol (TC) ELISA Kit (orb1146963)

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|--------------------------|---|
| 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 450nm ± 10nm. 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 450nm ± 10nm. 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 | 2h |

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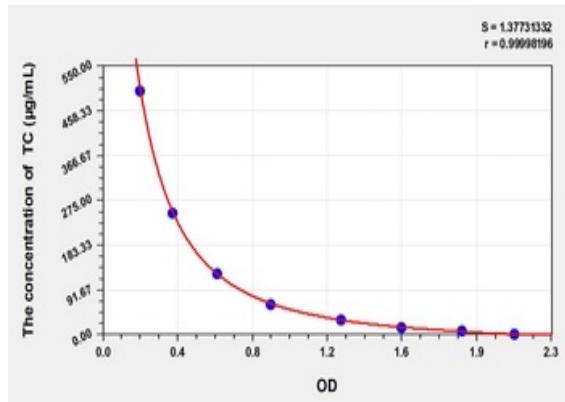
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Range 7.82-500 $\mu\text{g/mL}$ **Sensitivity** 2.63 $\mu\text{g/mL}$ **Sample Types** serum, plasma, cell lysates, cell culture supernates and other biological fluids**Note** For research use only**Biorbyt Ltd.**

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