

## Product Datasheet

# Mouse Clara Cell Protein (CC17) ELISA Kit (orb1146726)

### 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 Clara Cell Protein(CC17). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Clara Cell Protein(CC17). 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 Clara Cell Protein(CC17), 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 Clara Cell Protein(CC17) in the samples is then determined by comparing the OD of the samples to the standard curve.

### Reactivity

Mouse

### Range

0.16-10 ng/mL

### Concentration

10 ng/mL

### Note

For research use only

### 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 Mouse CC17. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse CC17. 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 Mouse CC17, 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 Mouse CC17 in the samples is then determined by comparing the OD of the samples to the standard curve

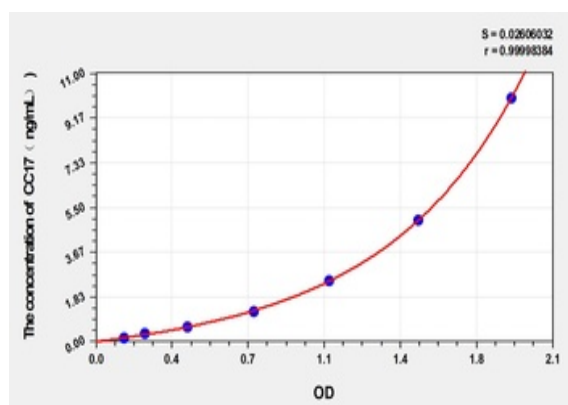
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<b>Sample Types</b>	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
<b>Assay Time</b>	3.5h
<b>Sensitivity</b>	0.1 ng/mL
<b>Expiration Date</b>	Please enquire.

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