

Product Datasheet

Rat CA19-9(Carbohydrate Antigen 19-9) ELISA Kit orb1994874

Description	Rat CA19-9(Carbohydrate Antigen 19-9) ELISA Kit
Reactivity	Rat
Range	0.79-50 U/mL
Sensitivity	0.31 U/mL
Note	For research use only.
Sample Types	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Expiration Date	Please enquire.
Application Notes	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 CA19-9. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat CA19-9. 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 CA19-9, 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 CA19-9 in the samples is then determined by comparing the OD of the samples to the standard curve.