

Product Datasheet

Mouse E2(Estradiol) ELISA Kit orb1994898

Description	Mouse E2(Estradiol) ELISA Kit
Reactivity	Mouse
Range	15.63-1000 pg/mL
Sensitivity	4.45 pg/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	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Mouse E2 protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse E2. 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 \pm 10nm. The concentration of Mouse E2 in the samples is then determined by comparing the OD of the samples to the standard curve.